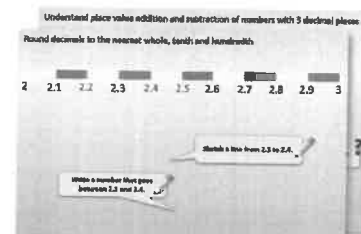


Week 7, Day 1

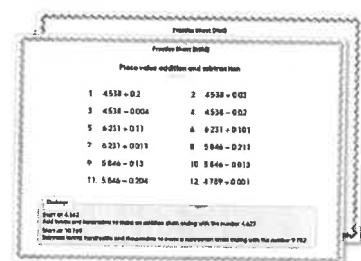
Adding money

Each day covers one maths topic. It should take you about 1 hour or just a little more.

1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



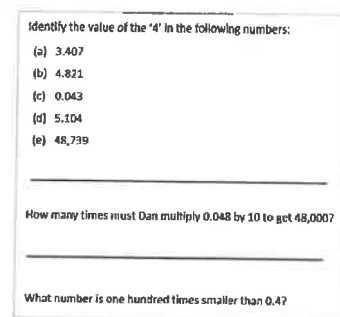
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either Mild (easier) or Hot (harder)! Check the answers.



3. Finding it tricky? That's OK... have a go with a grown-up at **A Bit Stuck?**



4. Have I mastered the topic? A few questions to **Check your understanding**. Fold the page to hide the answers!



Learning Reminders

Find money totals, choosing an order to add.


How much money do I have altogether?

What is 5 add 2?
7p

What would 2p more be?


What is 7 add 2?

If you're not sure tap the 2p twice as you count on.... 8, 9.


Three UK coins are shown in the center of the worksheet. From left to right, there is a 5p coin, a 2p coin, and another 2p coin. The 5p coin is a copper-colored coin with a royal coat of arms and the number '5'. The two 2p coins are silver-colored with a royal coat of arms and the number '2'.

Learning Reminders


Find money totals, choosing an order to add.



How can we add these 3 coins?



We know 5p and 2p are 7p.




Or we could put the larger number first:
 $10p + 5p + 2p$.

Then we can use spider counting to add the 10p. No need to count in 1s!

We can use place value to add 10p and 5p, then count on 2p more.

Learning Reminders

Find money totals, choosing an order to add.



How much money do I have altogether this time?

What is 5 add 5?

And 10 add 5?

Use the facts you know...
no need to count in 1s all the time!

Practice Sheet Mild

Find the money totals

1.



2.



3.



4.



5.



6.



7.






























8.



Practice Sheet Hot

Find the money totals

1.   
2.   
3.   
4.   
5.   
6.    
7.    
8.    

Practice Sheets Answers

Find the money totals (mild)

1. $2p + 2p + 1p = 5p$
2. $5p + 2p + 1p = 8p$
3. $10p + 5p = 15p$
4. $10p + 2p = 12p$
5. $10p + 5p + 2p = 17p$
6. $10p + 5p + 5p = 20p$
7. $5p + 2p + 2p = 9p$
8. $10p + 10p + 5p = 25p$

Find the money totals (hot)

1. $5p + 2p + 1p = 8p$
2. $10p + 10p + 1p = 21p$
3. $10p + 5p + 2p = 17p$
4. $10p + 5p + 5p = 20p$
5. $5p + 2p + 2p = 9p$
6. $10p + 5p + 2p + 1p = 18p$
7. $10p + 5p + 5p + 1p = 21p$
8. $10p + 5p + 2p + 2p = 19p$

A Bit Stuck? Coin totals

You will need:

- Three each of 1p, 2p, 5p, 10p and 20p coins

What to do:

- o Place a pile of 1p, 2p, 5p, 10p and 20p coins in the middle of the table.
- o Choose two coins.
- o Decide what order to add them. Place the coins in that order.

For example:



You choose the 2p and 5p coins.
Put the 5p coin first.
Add the 2p.
If you don't know $5 + 2$, then count on from 5, tapping the 2p coin twice and saying, 'six, seven'.

- o Write the addition number sentence, e.g. $5p + 2p = 7p$.
- o Put the coins back and repeat.
- o Write at least five different additions.

S-t-r-e-t-c-h:

Choose three coins.

Think about how to add them and put them in that order.

Find the total and write the sum.

Check your understanding

Questions

I have three coins with a total of 9p. What coins have I got?
You can use coins to help you.

I have three coins with a total of 16p. What coins have I got?
You can use coins to help you.

I have three different coins. Each coin is worth less than 20p.
Write some different amounts I might have.
Can you find all four?

Fold here to hide answers

Check your understanding

Answers

I have three coins with a total of 9p. What coins have I got?
You can use coins to help you.
5p, 2p and 2p

I have three coins with a total of 16p. What coins have I got?
You can use coins to help you.
10p, 5p and 1p

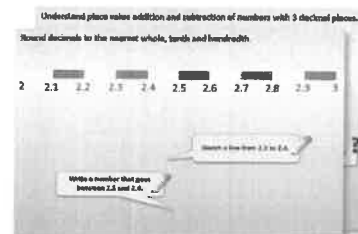
I have three different coins. Each coin is worth less than 20p.
Write some different amounts I might have.
Can you find all four?
17p = 10p, 5p and 2p.
16p = 10p, 5p and 1p.
13p = 10p, 2p and 1p.
8p = 5p, 2p and 1p.

Week 7, Day 2

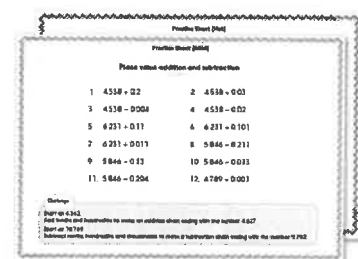
Find a difference between prices

Each day covers one maths topic. It should take you about 1 hour or just a little more.

1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



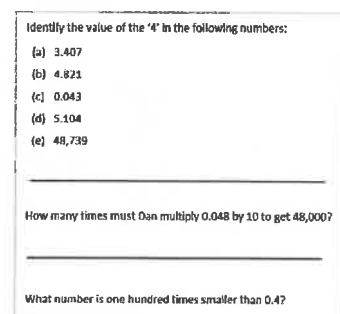
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild (easier)** or **Hot (harder)**! Check the answers.



3. Finding it tricky? That's OK... have a go with a grown-up at **A Bit Stuck?**



4. Have I mastered the topic? A few questions to **Check your understanding**. Fold the page to hide the answers!



Learning Reminders

Find differences in costs by counting up.

Which item is more expensive?
How can we find the difference in price between 7p and 16p?

7p 16p

0 5p 10p 15p 20p

Mark 7p and 16p on the penny line...

Then count up to find the difference...

How many pennies did we count up?

Find differences in costs by counting up.

Let's look at this another way...

7p 16p

How many more pennies is the pen? 9p

Learning Reminders

Find differences in costs by counting up.

8p 13p

Which item is more expensive?
How can we find the difference in price between 8p and 13p?

8p 13p

0 5p 10p 15p 20p

Mark 8p and 13p on the penny line...

Then count up to find the difference...

How many pennies did we count up?

Find differences in costs by counting up.

8p 13p

Let's look at this another way...

How many more pennies is the marker?

Practice Sheet Mild

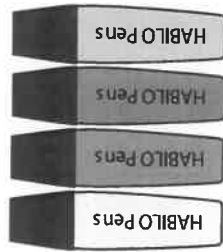
Find the difference in price

Find the difference in price between the two items:

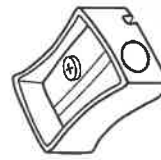
1.



2.



3.

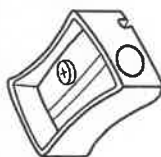


Practice Sheet Mild

Find the difference in price

Find the difference in price between the two items:

4.

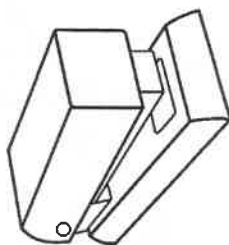


5.



Practice Sheet Hot Stationery objects

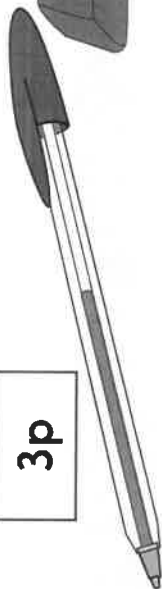
Find the price difference between pairs of items.



19p



15p



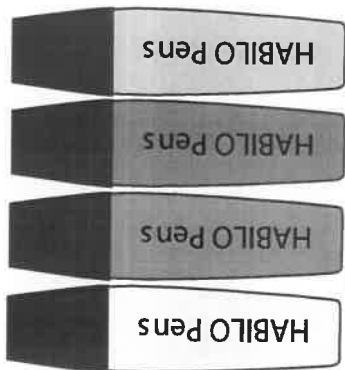
3p



5p



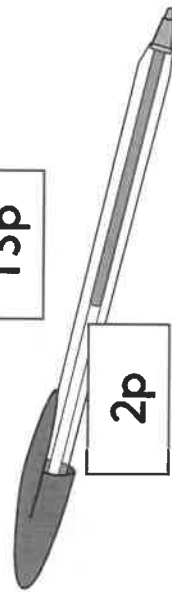
4p



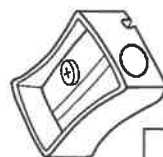
10p



13p



2p



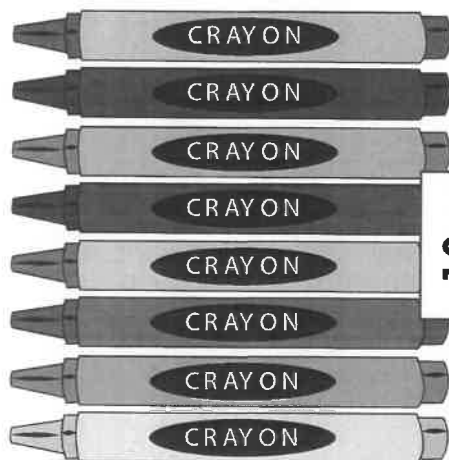
11p



17p

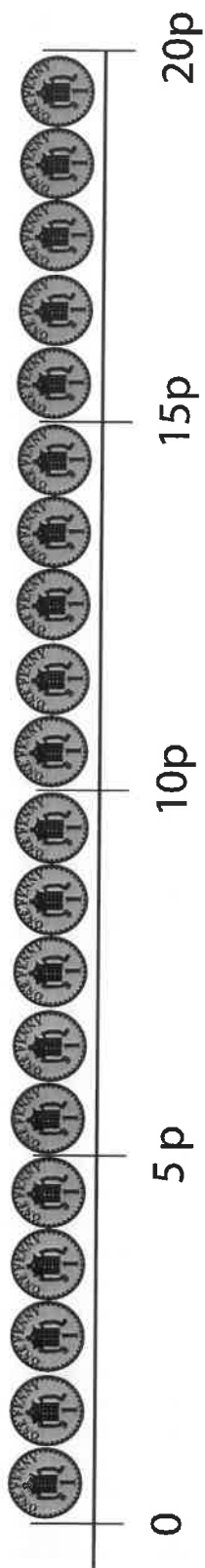
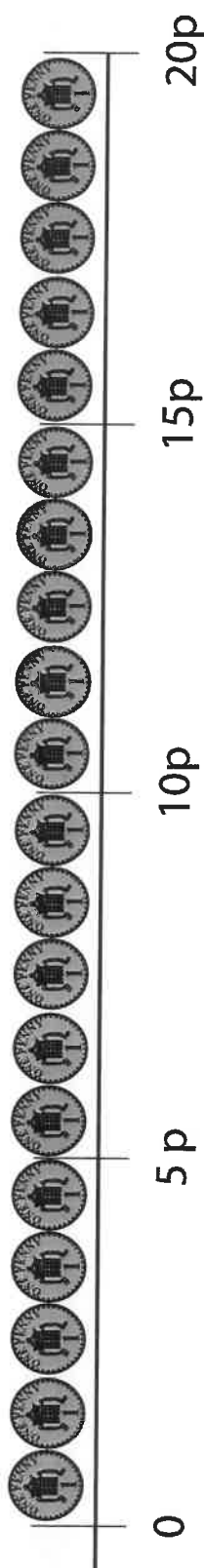
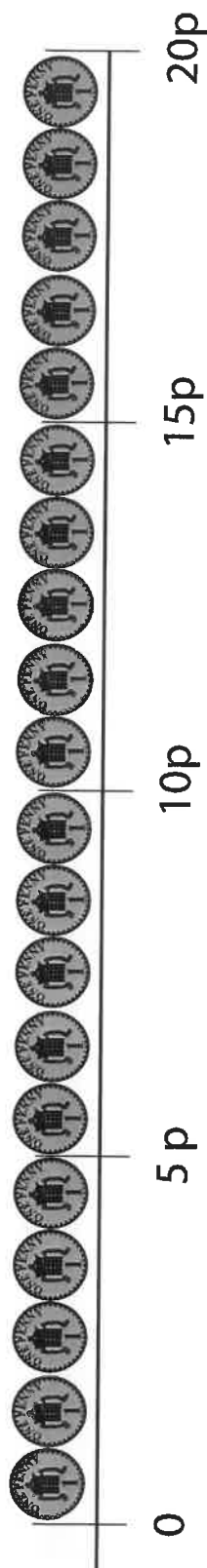
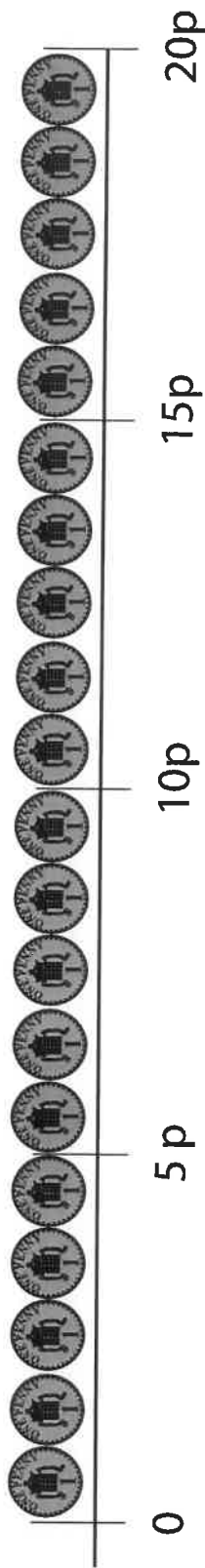


6p



18p

Practice Sheet Hot Stationery objects



Practice Sheets Answers

Find the difference in price (mild)

Pen and rubber	2p
Highlighter and pins	4p
Pencil sharpener and glue stick	4p
Rubber and pencil sharpener	6p
Gluestick and scissors	2p

Stationery objects (hot)

Stapler and glue stick	$19p - 15p = 4p$	
Stapler and scissors	$19p - 17p = 2p$	
Stapler and blue biro	$19p - 3p = 16p$	
Stapler and rubber	$19p - 5p = 14p$	
Stapler and highlighters	$19p - 10p = 9p$	
Stapler and drawing pins	$19p - 13p = 6p$	
Stapler and sharpener	$19p - 11p = 8p$	
Stapler and crayons	$19p - 18p = 1p$	
Stapler and pencil	$19p - 4p = 15p$	
Stapler and red biro	$19p - 2p = 17p$	Greatest difference
Stapler and whiteboard marker	$19p - 6p = 13p$	

Glue stick and scissors	$17p - 15p = 2p$
Glue stick and blue biro	$15p - 3p = 12p$
Glue stick and rubber	$15p - 5p = 10p$
Glue stick and highlighters	$15p - 10p = 5p$
Glue stick and drawing pins	$15p - 13p = 2p$
Glue stick and sharpener	$15p - 11p = 4p$
Glue stick and crayons	$18p - 15p = 3p$
Glue stick and pencil	$15p - 4p = 11p$
Glue stick and red biro	$15p - 2p = 13p$
Glue stick and whiteboard marker	$15p - 6p = 9p$

Scissors and blue biro	$17p - 3p = 14p$	
Scissors and rubber	$17p - 5p = 12p$	
Scissors and highlighters	$17p - 10p = 7p$	
Scissors and drawing pins	$17p - 13p = 4p$	
Scissors and sharpener	$17p - 11p = 6p$	
Scissors and crayons	$18p - 17p = 1p$	Least difference
Scissors and pencil	$17p - 4p = 13p$	
Scissors and red biro	$17p - 2p = 15p$	
Scissors and whiteboard marker	$17p - 6p = 11p$	

Blue biro and rubber	$5p - 3p = 2p$	
Blue biro and highlighters	$10p - 3p = 7p$	
Blue biro and drawing pins	$13p - 3p = 10p$	
Blue biro and sharpener	$11p - 3p = 8p$	
Blue biro and crayons	$18p - 3p = 15p$	
Blue biro and pencil	$4p - 3p = 1p$	Least difference
Blue biro and red biro	$3p - 2p = 1p$	Least difference
Blue biro and whiteboard marker	$6p - 3p = 3p$	

Practice Sheets Answers

Stationery objects (hot) continued

Rubber and highlighters	$10p - 5p = 5p$	
Rubber and drawing pins	$13p - 5p = 8p$	
Rubber and sharpener	$11p - 5p = 6p$	
Rubber and crayons	$18p - 5p = 13p$	
Rubber and pencil	$5p - 4p = 1p$	Least difference
Rubber and red biro	$5p - 2p = 3p$	
Rubber and whiteboard marker	$6p - 5p = 1p$	Least difference
Highlighters and drawing pins	$13p - 10p = 3p$	
Highlighters and sharpener	$11p - 10p = 1p$	Least difference
Highlighters and crayons	$18p - 10p = 8p$	
Highlighters and pencil	$10p - 4p = 6p$	
Highlighters and red biro	$10p - 2p = 8p$	
Highlighters and whiteboard marker	$10p - 6p = 4p$	
Drawing pins and sharpener	$13p - 11p = 2p$	
Drawing pins and crayons	$18p - 13p = 5p$	
Drawing pins and pencil	$13p - 4p = 9p$	
Drawing pins and red biro	$13p - 2p = 11p$	
Drawing pins and whiteboard marker	$13p - 6p = 7p$	
Sharpener and crayons	$18p - 11p = 7p$	
Sharpener and pencil	$11p - 4p = 7p$	
Sharpener and red biro	$11p - 2p = 9p$	
Sharpener and whiteboard marker	$11p - 6p = 5p$	
Crayons and pencil	$18p - 4p = 14p$	
Crayons and red biro	$18p - 2p = 16p$	
Crayons and whiteboard marker	$18p - 6p = 12p$	
Pencil and red biro	$4p - 2p = 2p$	
Pencil and whiteboard marker	$6p - 4p = 2p$	
Red biro and whiteboard marker	$6p - 2p = 4p$	

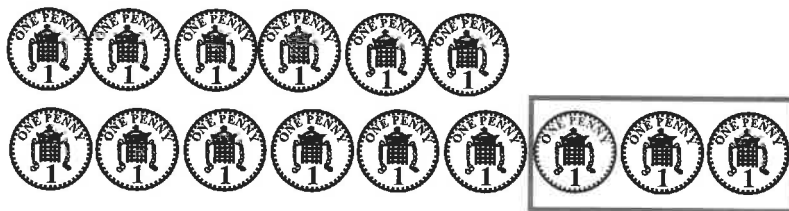
A Bit Stuck? Lines of pennies

You will need:

- 12 pennies each
- 5 to 12 number cards

What to do:

- Shuffle the number cards and place them face down.
- Take a card each.
- Each person makes a line using that number of pennies.
- Who has most pennies? How many more pennies do they have?
- Write the difference, e.g.



The difference between

6p and 9p is 3p

- Put the cards back and repeat at least four more times.
- What was the biggest difference you found? And the smallest?

A Bit Stuck?

Lines of pennies

5

6

7

8

9

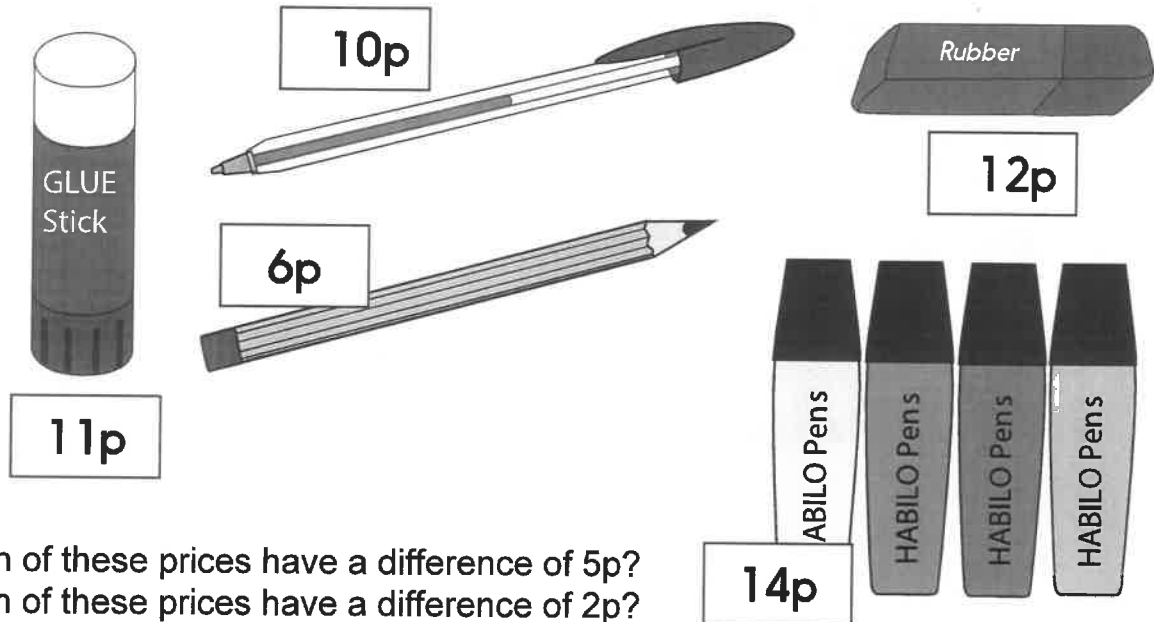
10

11

12

Check your understanding Questions

Which of these prices have a difference of 4p?



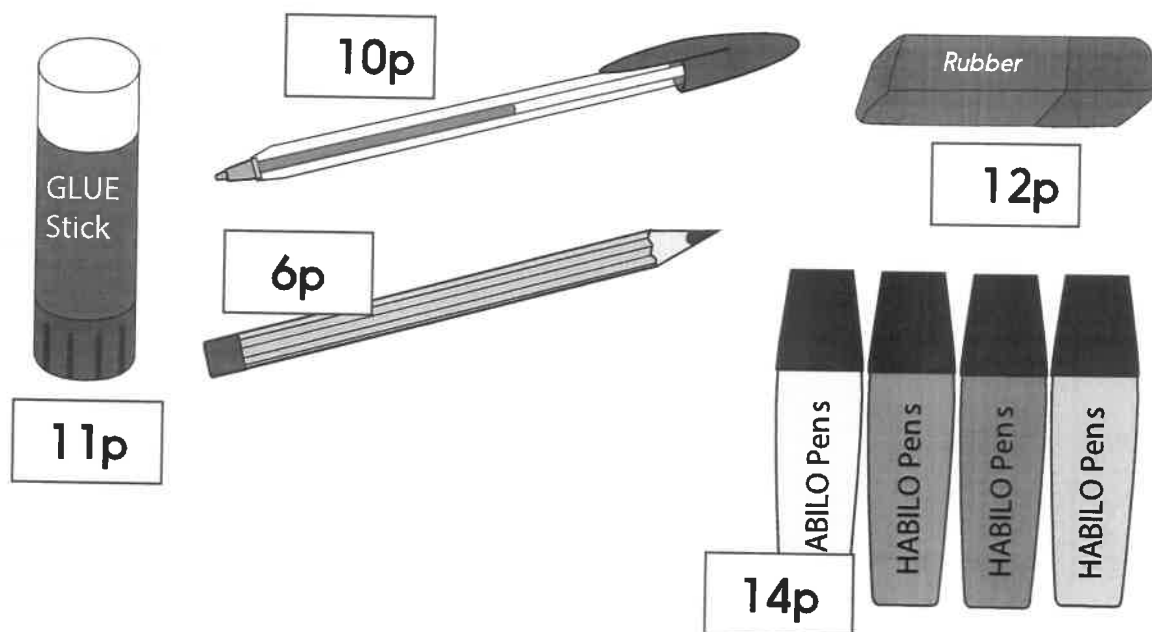
Which of these prices have a difference of 5p?
Which of these prices have a difference of 2p?

Sam says that the difference between 13p and 6p is the same as the difference between 20p and 13p. Is he right?

Check your understanding

Answers

Which of these prices have a difference of 4p? 10p and 14p; 6p and 10p



Which of these prices have a difference of 5p? 6p and 11p

Which of these prices have a difference of 2p? 12p and 14p

Sam says that the difference between 13p and 6p is the same as the difference between 20p and 13p.

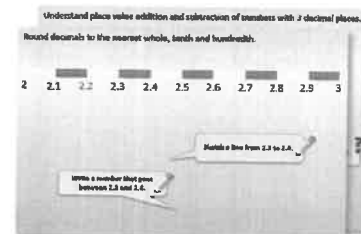
Is he right? Yes, he is. In each case, the difference is 7p.

Week 7, Day 3

Finding change

Each day covers one maths topic. It should take you about 1 hour or just a little more.

1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



2. Tackle the questions on the **Practice Sheet**. There might be a choice of either Mild (easier) or Hot (harder)! Check the answers.

Practice Sheet (Mild)	
Place value addition and subtraction	
1. $4.538 + 0.2$	2. $4.538 + 0.02$
3. $4.538 - 0.004$	4. $4.538 - 0.02$
5. $4.251 + 0.11$	6. $4.251 + 0.101$
7. $4.251 + 0.011$	8. $5.846 - 0.211$
9. $5.846 - 0.11$	10. $5.846 - 0.013$
11. $5.846 - 0.304$	12. $4.789 - 0.001$

Challenge: Write a number that goes between 4.251 and 4.252. Write a number that goes between 4.251 and 4.253. Write a number that goes between 4.251 and 4.254. Write a number that goes between 4.251 and 4.255. Write a number that goes between 4.251 and 4.256. Write a number that goes between 4.251 and 4.257. Write a number that goes between 4.251 and 4.258. Write a number that goes between 4.251 and 4.259. Write a number that goes between 4.251 and 4.260.

3. Finding it tricky? That's OK... have a go with a grown-up at **A Bit Stuck?**

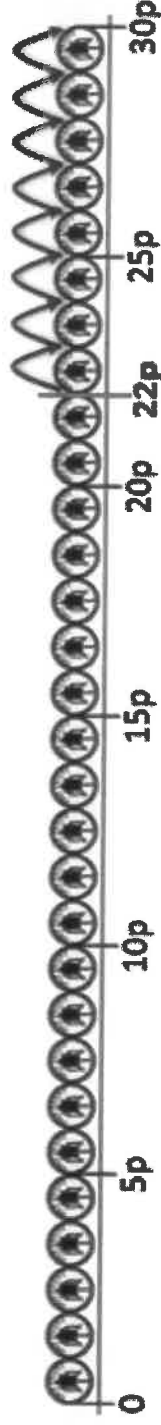


4. Think you've cracked it? Whizzed through the Practice Sheets? Have a go at the **Investigation...**

Learning Reminders

Give change by counting up to find a difference.

I buy a pen for 22p, let's
find how much change I
get from 30p.



Mark 22p on the
penny line...

Then count up to 30p
to find the change...

How many 1p hops?
How much change
will I get?

Learning Reminders

Give change by counting up to find a difference.

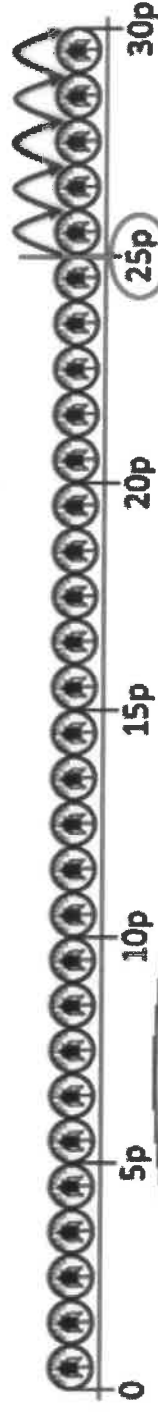
I have a 20p and a 10p.
How much is that
altogether?



I buy a ball for 25p.
Let's find how much
change I get.



25p



Mark 25p on the
penny line...

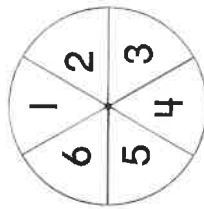
Then count up to 30p to
find the change...

How many hops of
1p? How much change
will I get?

Practice Sheet Mild Toy shop

Choose a toy to buy. Calculate the change from 20p.

17p



13p



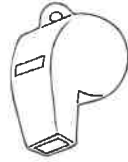
19p



10p



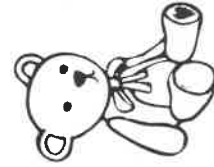
15p



18p



16p



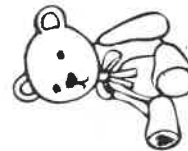
11p



14p



12p



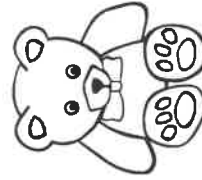
13p



9p



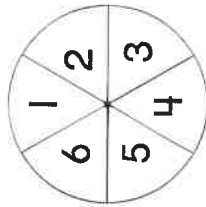
7p



Practice Sheet Hot Toy shop

Choose a toy to buy. Calculate the change from 20p, or from 30p if it costs more than 20p.

17p



23p



29p



10p



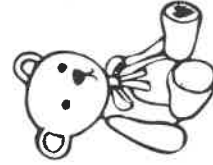
5p



25p



28p



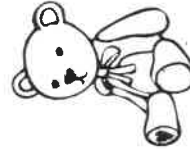
15p



22p



20p



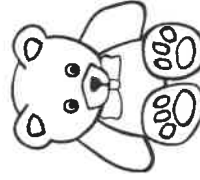
21p



19p



24p



Practice Sheet Answers

Toy shop (mild)

$20\text{p} - 17\text{p} = 3\text{p}$
 $20\text{p} - 13\text{p} = 7\text{p}$
 $20\text{p} - 19\text{p} = 1\text{p}$
 $20\text{p} - 10\text{p} = 10\text{p}$
 $20\text{p} - 15\text{p} = 5\text{p}$
 $20\text{p} - 18\text{p} = 2\text{p}$
 $20\text{p} - 16\text{p} = 4\text{p}$
 $20\text{p} - 11\text{p} = 9\text{p}$
 $20\text{p} - 14\text{p} = 6\text{p}$
 $20\text{p} - 12\text{p} = 8\text{p}$
 $20\text{p} - 13\text{p} = 7\text{p}$
 $20\text{p} - 9\text{p} = 11\text{p}$
 $20\text{p} - 7\text{p} = 13\text{p}$

Toy shop (hot)

$20\text{p} - 17\text{p} = 3\text{p}$
 $30\text{p} - 23\text{p} = 7\text{p}$
 $30\text{p} - 29\text{p} = 1\text{p}$
 $20\text{p} - 10\text{p} = 10\text{p}$
 $20\text{p} - 5\text{p} = 15\text{p}$
 $30\text{p} - 25\text{p} = 5\text{p}$
 $30\text{p} - 28\text{p} = 2\text{p}$
 $20\text{p} - 15\text{p} = 5\text{p}$
 $30\text{p} - 22\text{p} = 8\text{p}$
 $30\text{p} - 20\text{p} = 10\text{p}$
 $30\text{p} - 21\text{p} = 9\text{p}$
 $20\text{p} - 19\text{p} = 1\text{p}$
 $30\text{p} - 24\text{p} = 6\text{p}$

A Bit Stuck? Sweet shop

Work in pairs

Things you will need:

- 1p and 10p coins
- Money lines
- A pencil



What to do:

- Take it in turns to be the **shopkeeper** and the **customer**.
- The customer chooses a sweet and gives the shopkeeper 10p.
- The shopkeeper uses the money line to find the change from 10p.
The shopkeeper gives the change to the customer.
- Both people write the change by the sweet.

S-t-r-e-t-c-h:

Use pairs to 10 to help find the change.

Learning outcomes:

- I can find the change from 10p using a money line.
- I am beginning to use pairs to 10 to find change from 10p

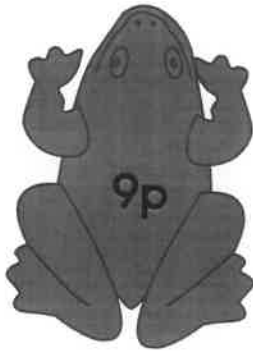
A Bit Stuck?
Sweet shop

7p



Change p

9p



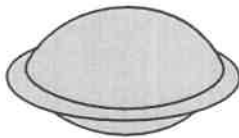
Change p

6p



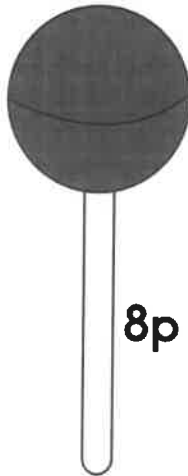
Change p

1p



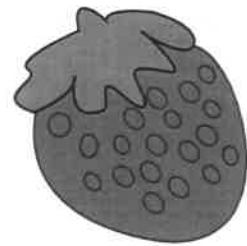
Change p

8p



Change p

4p



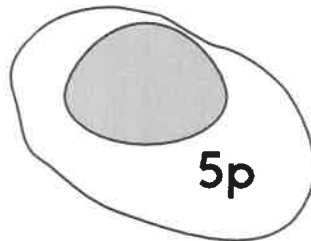
Change p

2p



Change p

5p



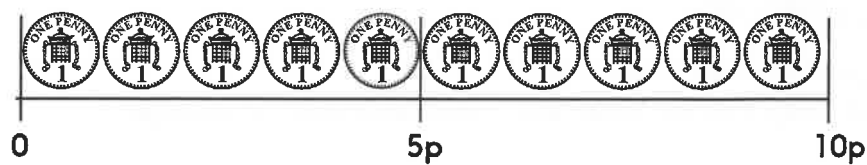
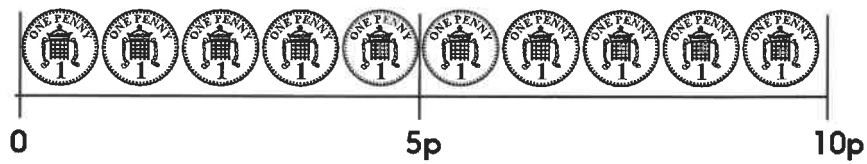
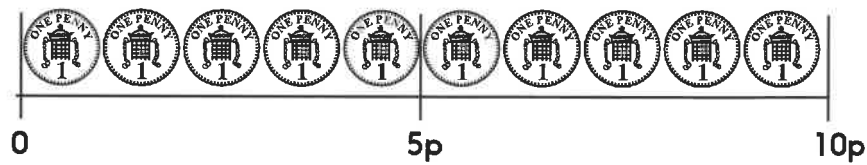
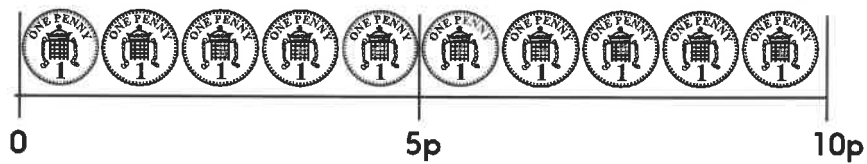
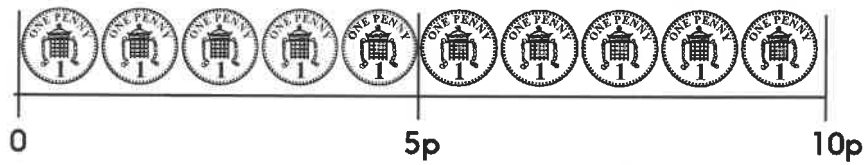
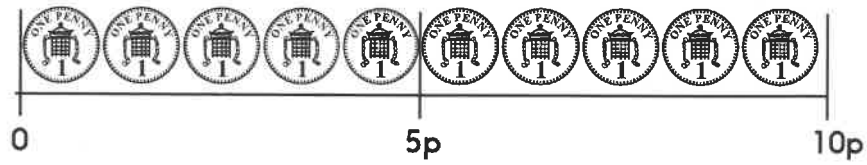
Change p

3p



Change p

A Bit Stuck? Sweet shop



Investigation Change challenge

1. Choose a cake.
Choose a coin to buy it.
Calculate the change.
Write it down.
2. Repeat this five times.
3. Talk to someone else.
What different amounts of change have they written in their list?
4. How many ways can you make different amounts of change?

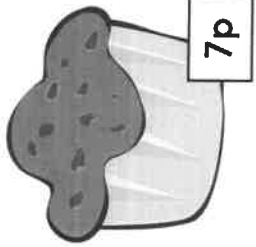
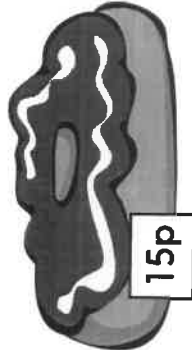
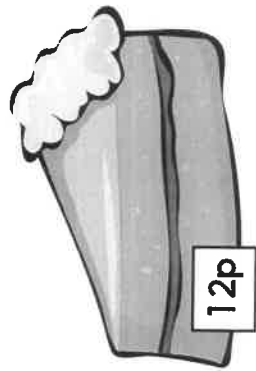
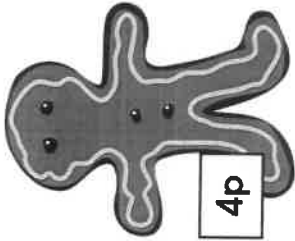
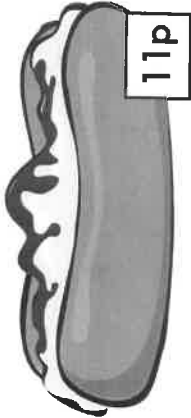
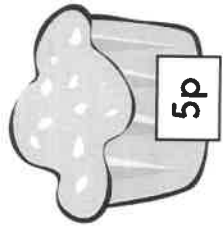
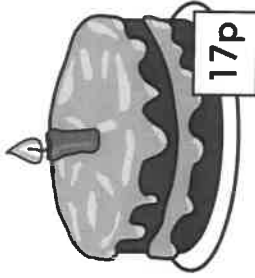
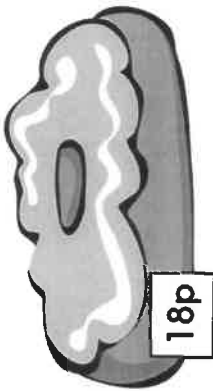
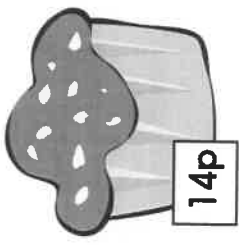
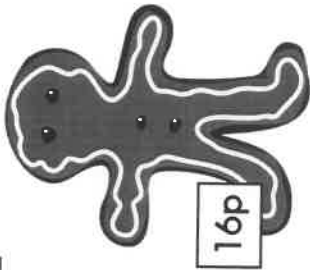
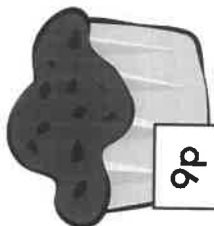
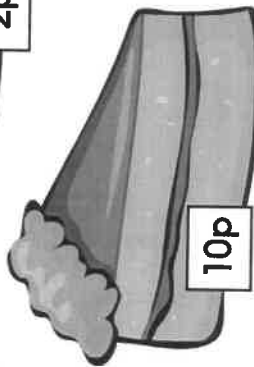
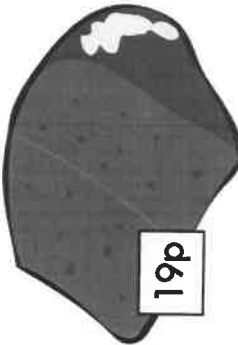
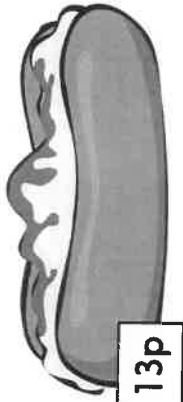
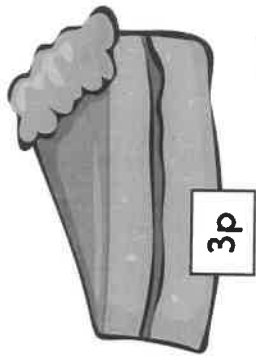
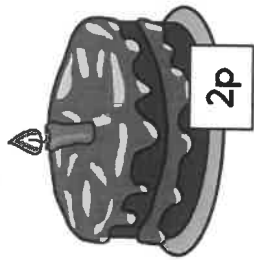
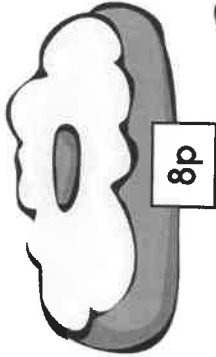
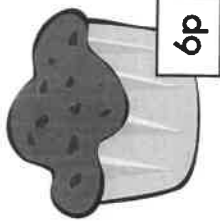
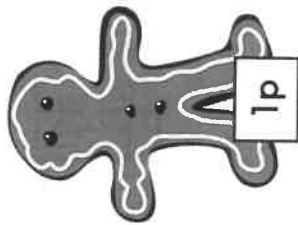
Explore this – trying to be logical...

Cake 1p, coin 2p – change = 1p
Cake 4p, coin 5p – change = 1p
Cake 9p, coin 10p – change = 1p
Cake 19p, coin 20p – change = 1p
There are four ways of getting 1p change.

Challenge

Using these coins and these cakes...
How many ways can you make each possible amount of change?

Investigation Change challenge

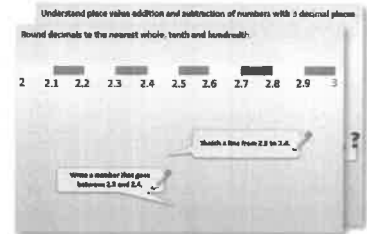


Week 7, Day 4

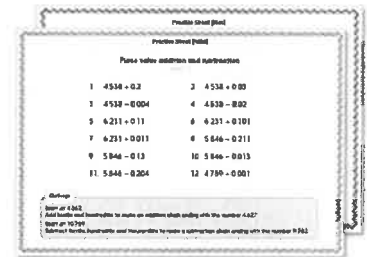
2-D shape

Each day covers one maths topic. It should take you about 1 hour or just a little more.

1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



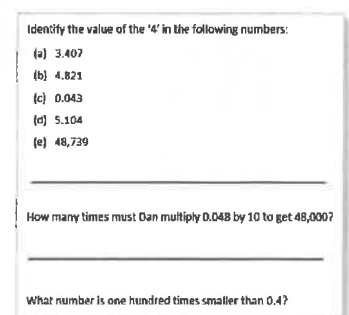
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either Mild (easier) or Hot (harder)! Check the answers.



3. Finding it tricky? That's OK... have a go with a grown-up at **A Bit Stuck?**

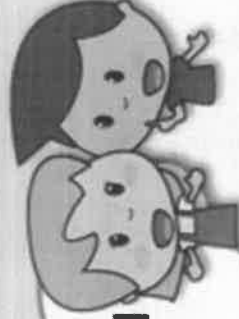
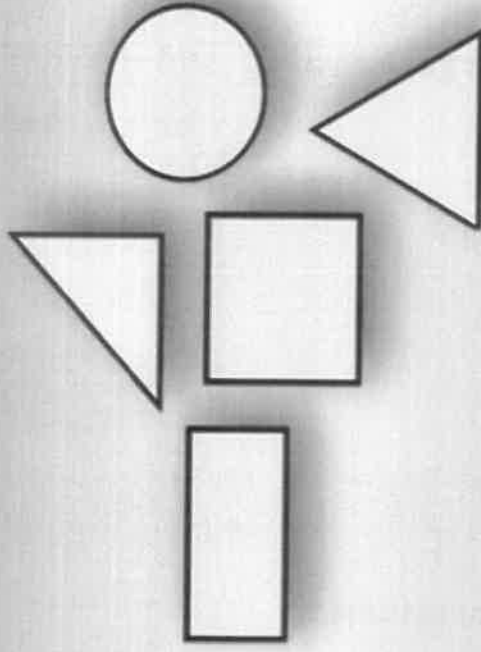


4. Have I mastered the topic? A few questions to **Check your understanding**. Fold the page to hide the answers!

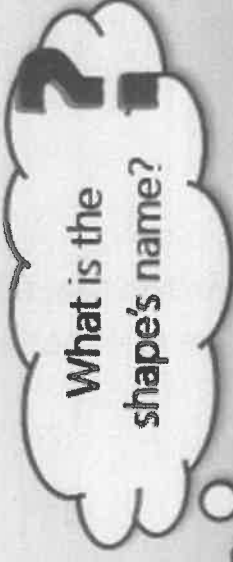


Learning Reminders

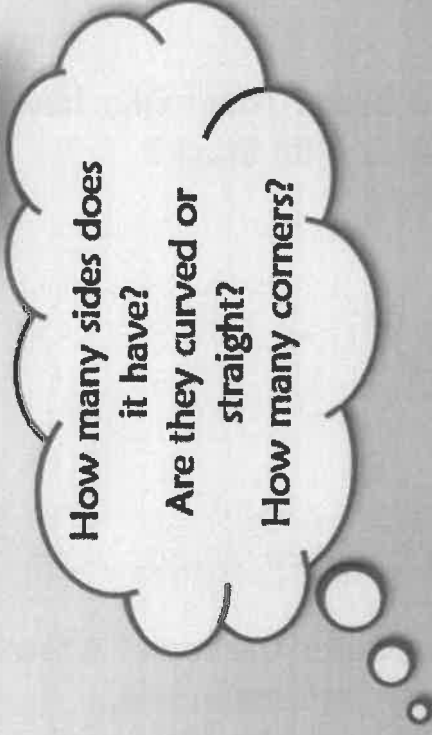
Name and describe squares, rectangles, circles and triangles.



Pick a shape and
describe it



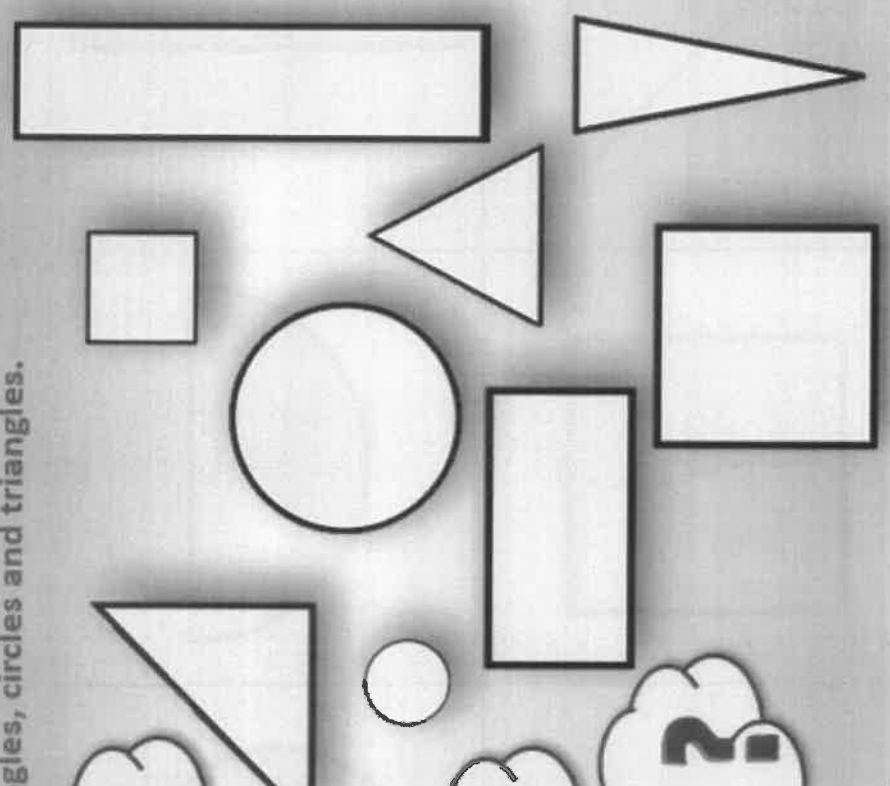
What is the
shape's name?



How many sides does
it have?
Are they curved or
straight?
How many corners?

Learning Reminders

Name and describe squares, rectangles, circles and triangles.



Which of these shapes are squares?

Which of these shapes are circles?

Which of these shapes are triangles?

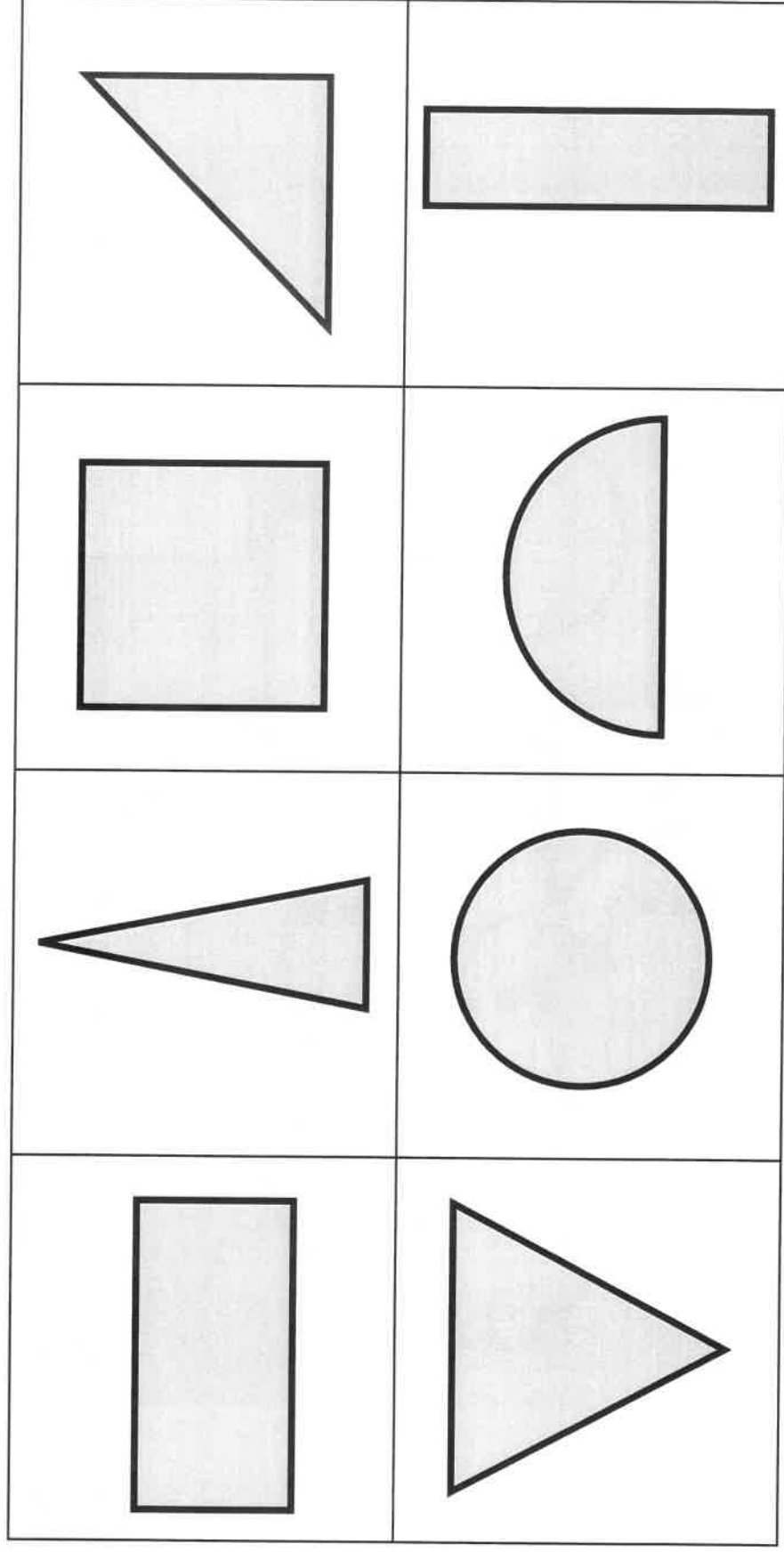
Which of these shapes are rectangles?

There are four rectangles.
Squares are a type of rectangle.
Oblongs are another type of rectangle.

Practice Sheet Mild

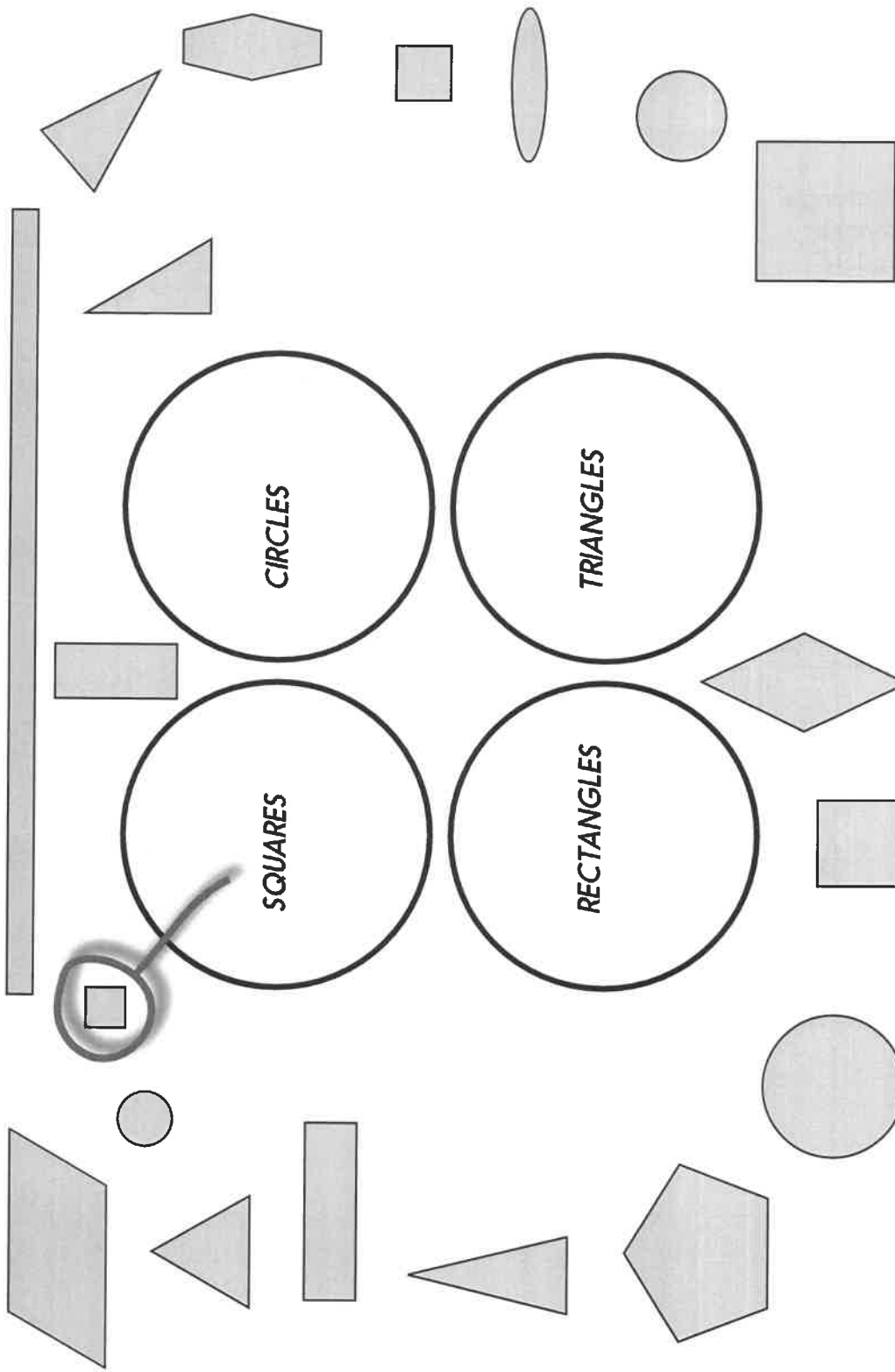
Shape and data practice

1. Cut out each shape and stick it on a piece of paper. Can you name it?
2. Write a couple of sentences to describe it.



Practice Sheet Hot

1. Ring each shape and draw a line to match it to the correct set.



Challenge

Are there any shapes left over?

Can you describe each of them?

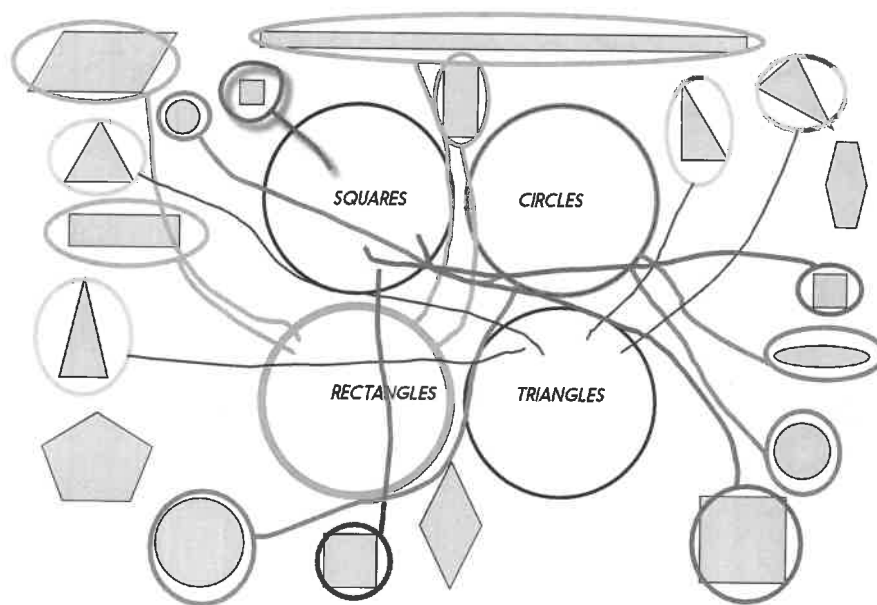
Can you find out what type of shape each is?

Practice Sheet Answers

Shape and data practice (Mild)

Rectangle
Triangle
Square
Right-angled triangle
Equilateral triangle
Circle
Semi-circle
Rectangle

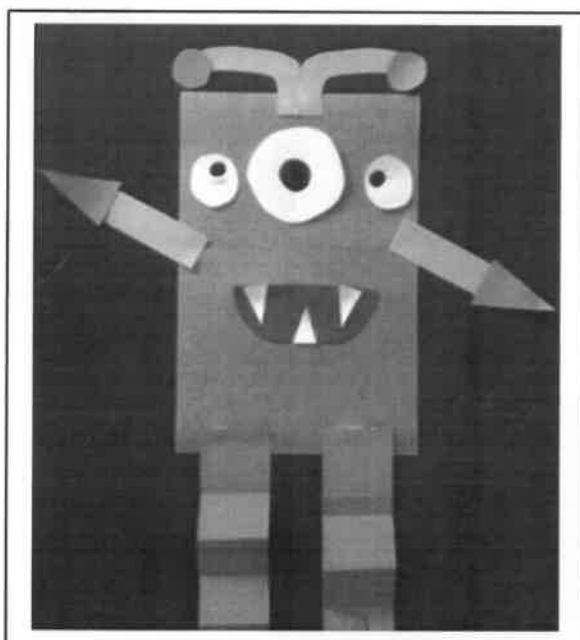
Shape and data practice (Hot)



A Bit Stuck? Make a monster!

Things you will need:

- Shapes
- Scissors
- Paper
- Glue stick

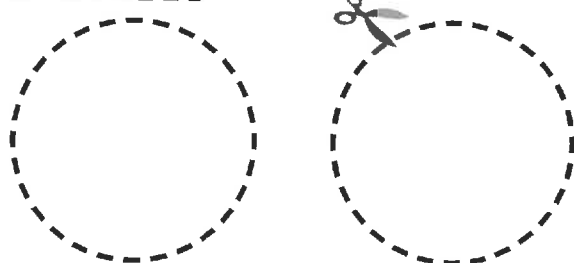
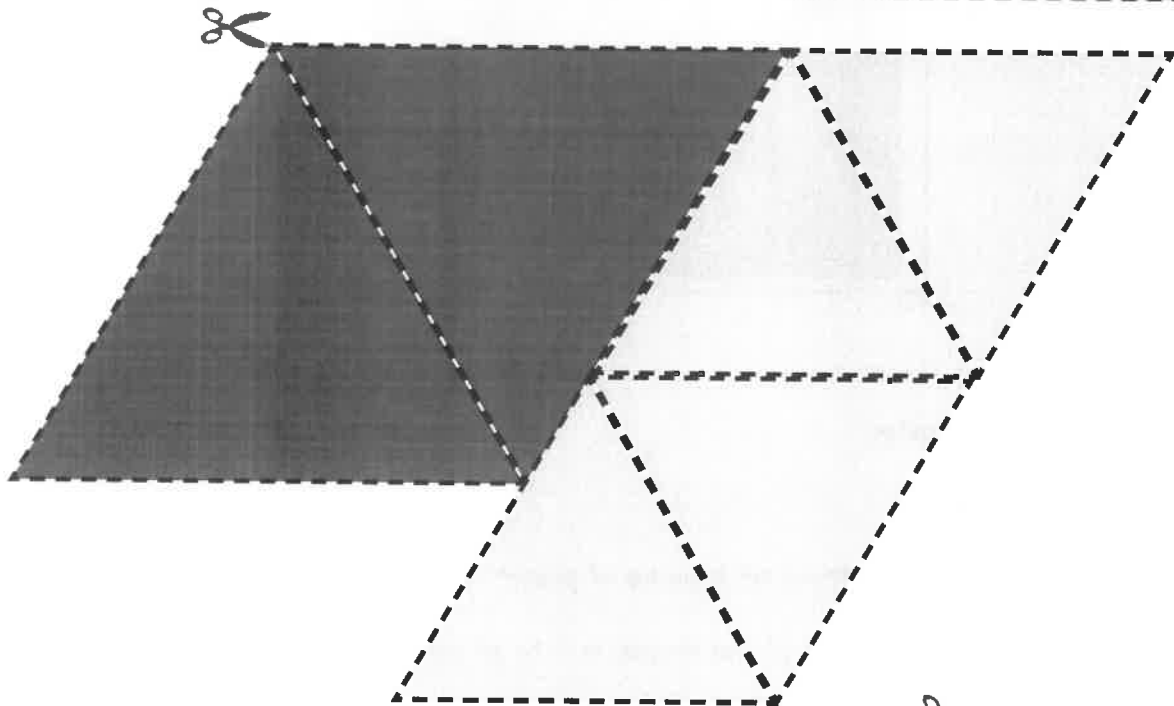
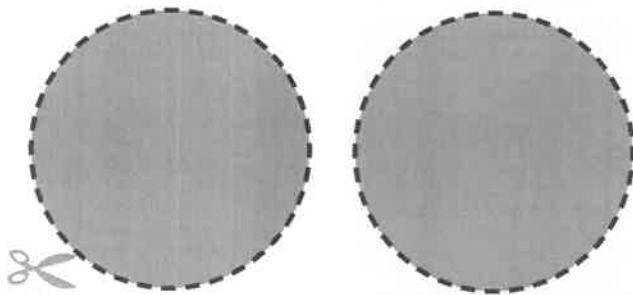
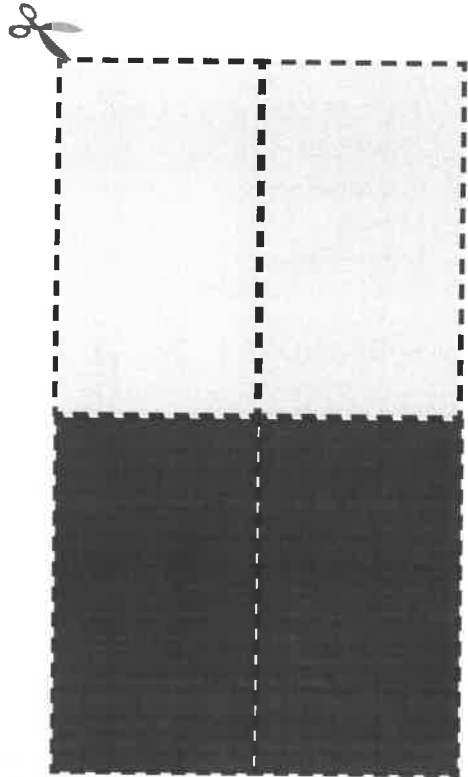
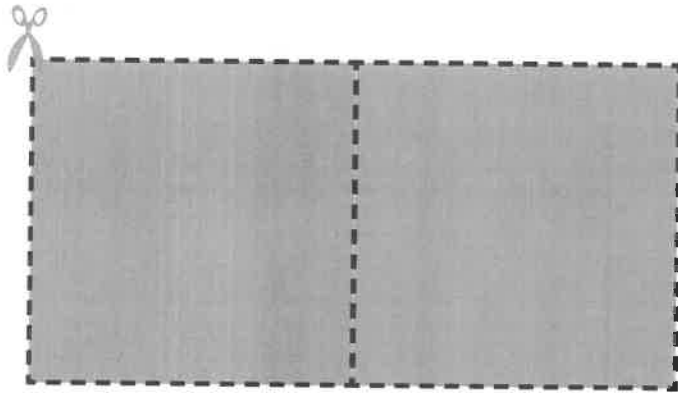


What to do:

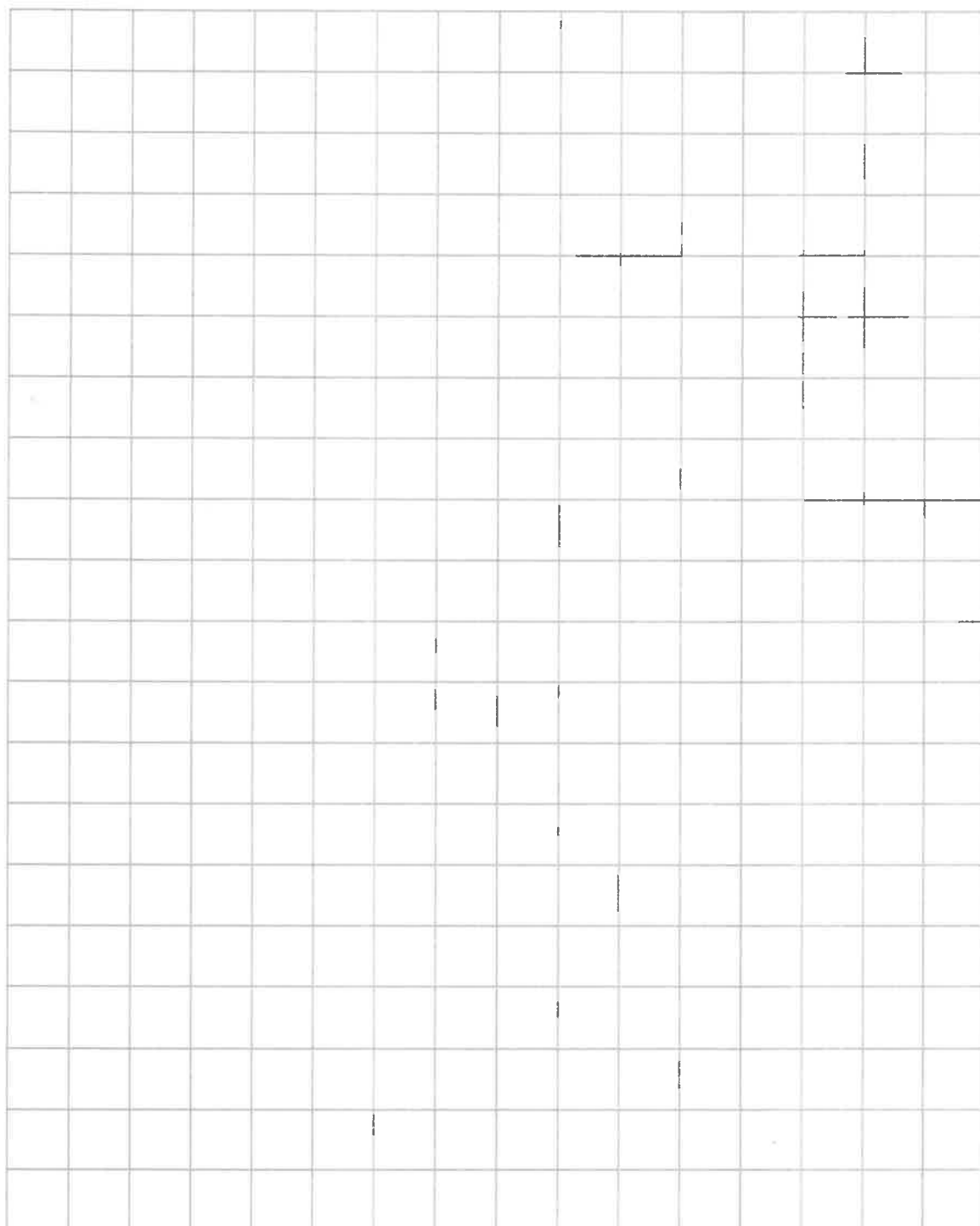
To create your monster...

- Cut out the shapes.
- Arrange and then stick them on a piece of paper to make your own monster!
- Describe your monster and all the shapes in it to an adult.
- How many of the shapes can you name?

**A Bit Stuck?
Make a monster!**



**Check your understanding
Resource sheet**



Check your understanding: *Questions*

My shape has four vertices and four sides. Draw a shape that it might be.

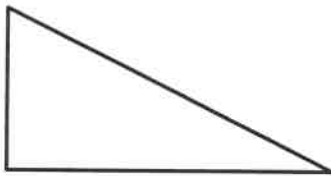
On squared paper, draw two different squares and colour them in. Can you say why they are definitely both squares?

Name a shape that has:

- No straight sides
 - 3 sides, all straight
 - 4 sides where two are longer than the other two
-

Cut out these two triangles, then put them together to make:

- a rectangle;
- a different triangle.



Answers on next page

Check your understanding:

Answers

My shape has four vertices and four sides. Draw a shape that it might be.
e.g.

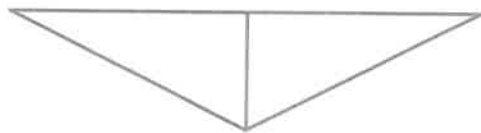
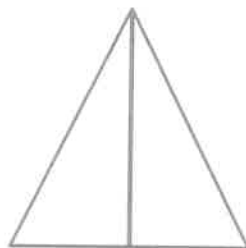
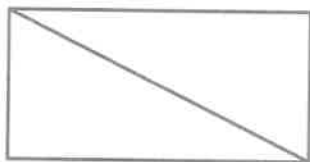


On squared paper, draw two different squares and colour them in. Can you say why they are definitely both squares? Check drawings – all sides should be the same length. If children have used the lines of the squared paper to draw their shapes, then each side should be the same number of squares long.

Name a shape that has:

- No straight sides Circle, Oval
- 3 sides, all straight Triangle
- 4 sides where two are longer than the other two Rectangle, Oblong (a rectangle that is not a square)

Cut out these two triangles then put them together to make:
- a rectangle - a triangle

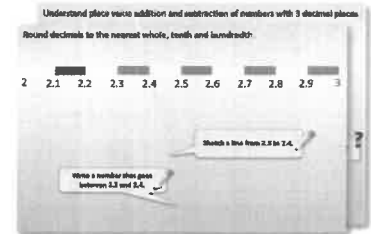


Week 7, Day 5

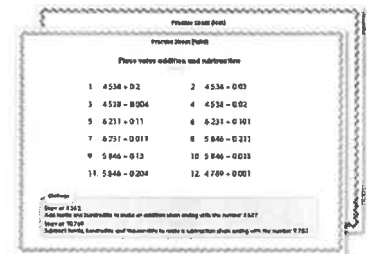
Shape patterns

Each day covers one maths topic. It should take you about 1 hour or just a little more.

1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



2. Tackle the questions on the **Practice Sheet**. There might be a choice of either Mild (easier) or Hot (harder)! Check the answers.



3. Finding it tricky? That's OK... have a go with a grown-up at **A Bit Stuck?**



4. Think you've cracked it? Whizzed through the Practice Sheets? Have a go at the **Investigation...**

Learning Reminders

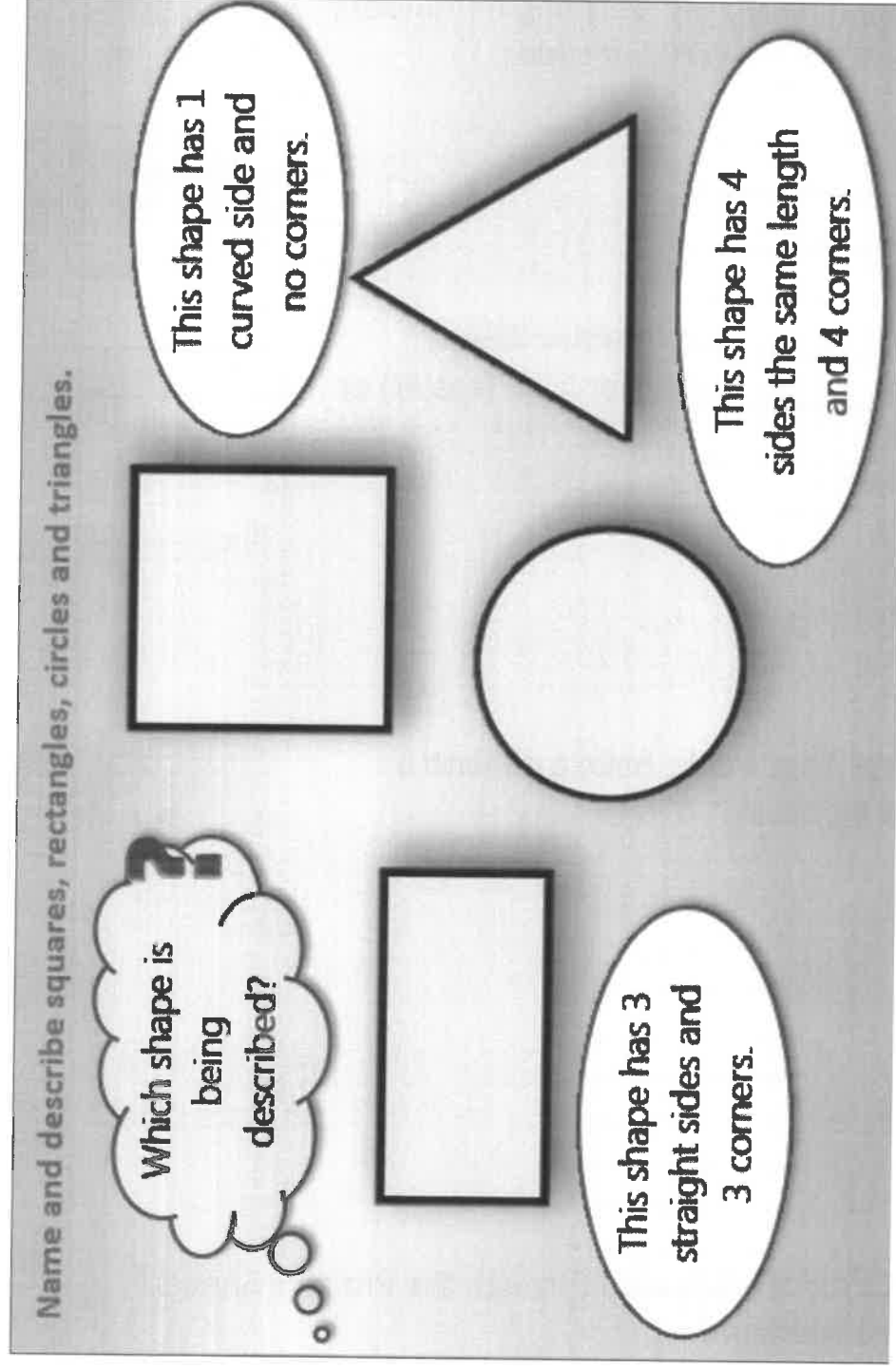
Name and describe squares, rectangles, circles and triangles.

Which shape is being described?

This shape has 1 curved side and no corners.

This shape has 4 sides the same length and 4 corners.

This shape has 3 straight sides and 3 corners.



Learning Reminders

Continue a shape pattern.

Which shape comes next in each pattern?


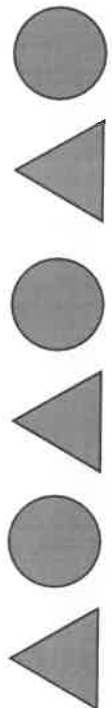


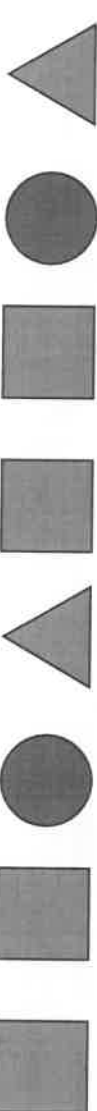
Turn the page upside down to find answers!

Continue a shape pattern.

Practice Sheet Mild

Shape and data practice

Draw the next two shapes in each pattern.

1. 
2. 
3. 
4. 
5. 

Challenge

Now make up your own pattern.




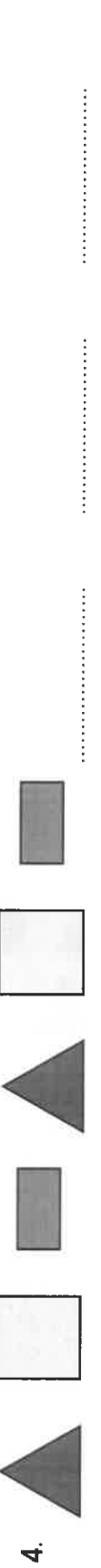

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Practice Sheet Hot

Shape and data practice

Look at the patterns and say the shapes, then continue the pattern by drawing in the shapes.

1. 
2. 
3. 
4. 
5. 

Challenge






Now create your own repeating shape patterns.

.....



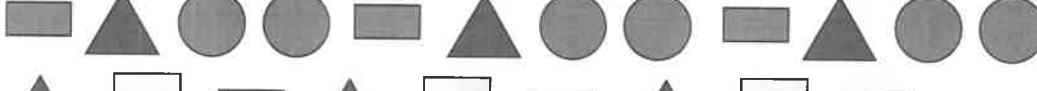


.....

Practice Sheet Answers

Shape and data practice (Mild)

1. 
2. 
3. 
4. 
5. 

Shape and data practice (Hot)

1. 
2. 
3. 
4. 
5. 

A Bit Stuck? Shape snakes

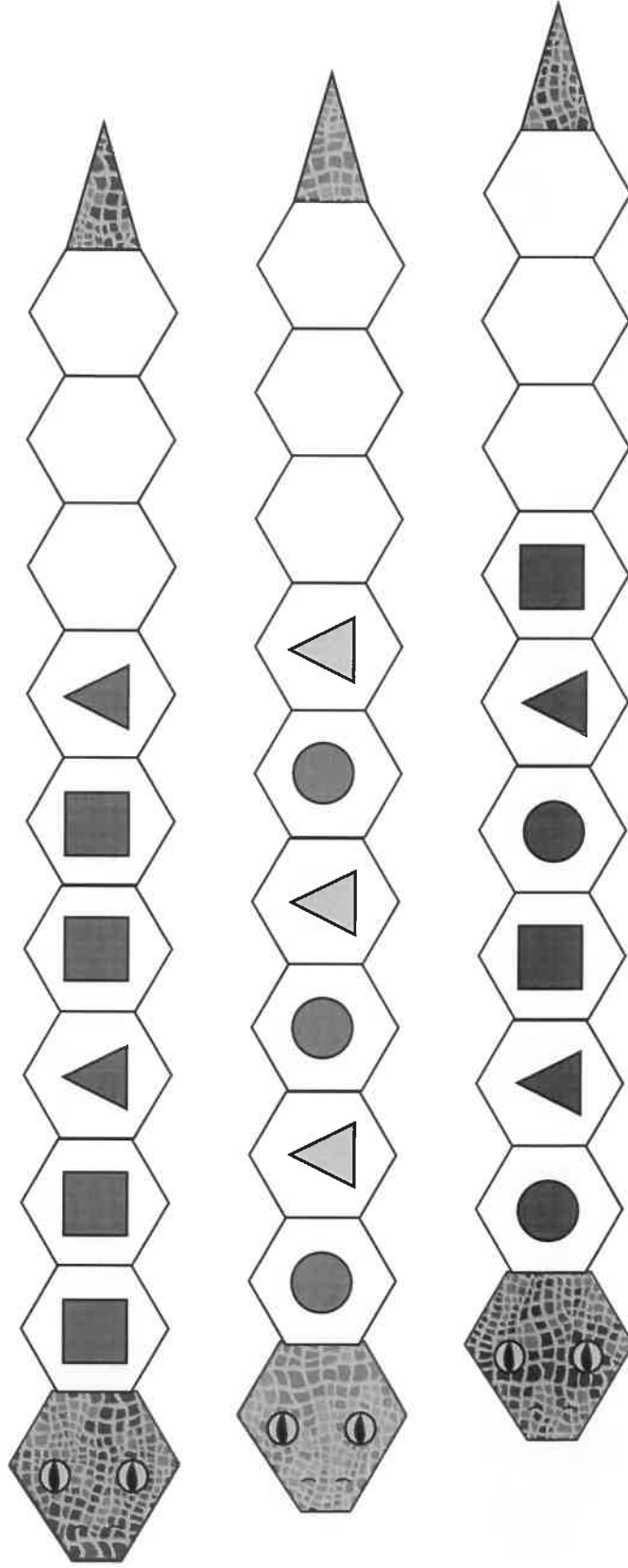


Things you will need:

- A pencil
- Coloured pencils or crayons

What to do:

- Draw the next three shapes in each pattern. Colour them to match the pattern.



S-t-r-e-t-c-h:

Print your own shape snake pattern.

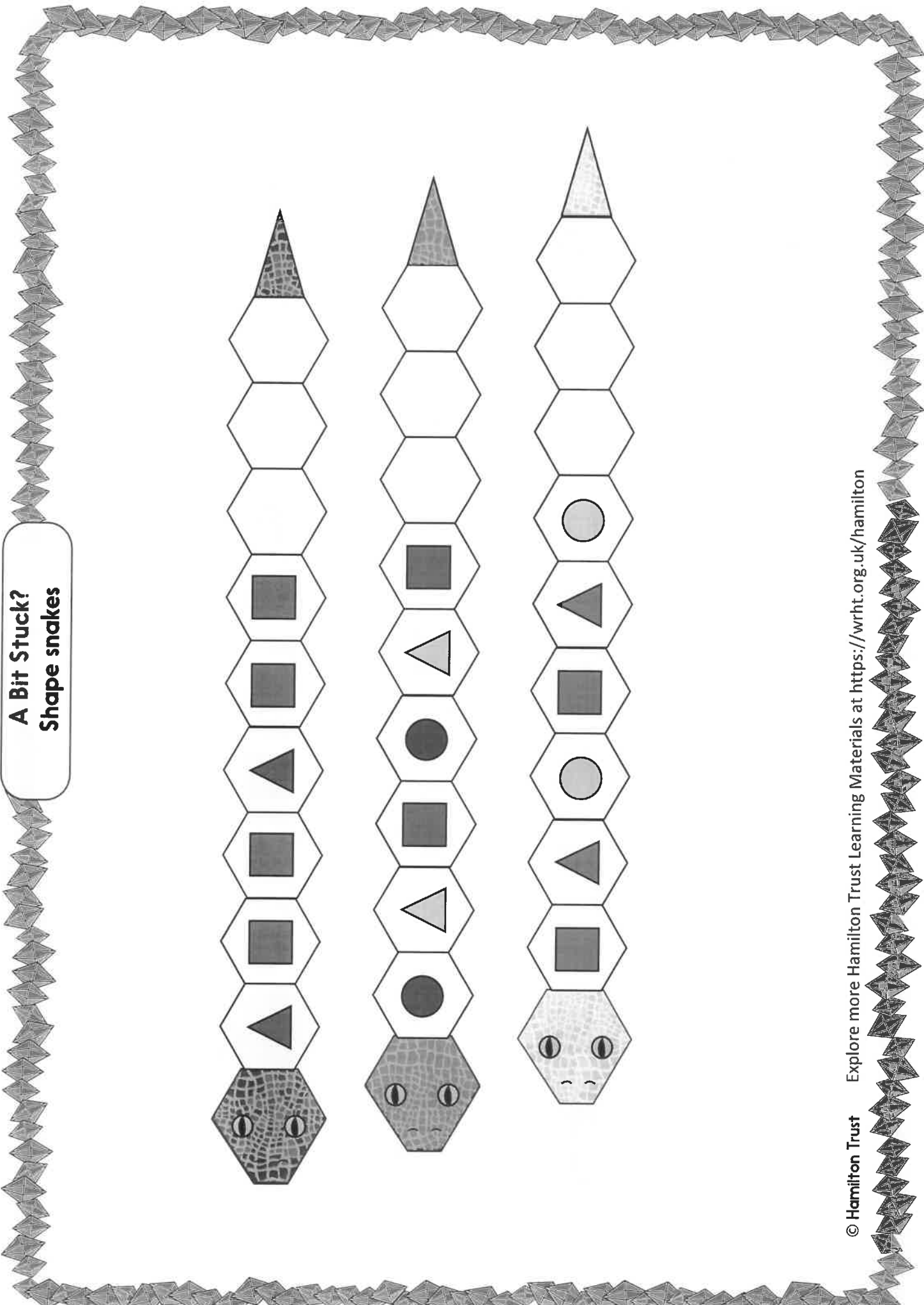
Learning outcomes:

- I can carry on a repeating pattern.
- I am beginning to make up my own repeating patterns.

A Bit Stuck?
Shape snakes

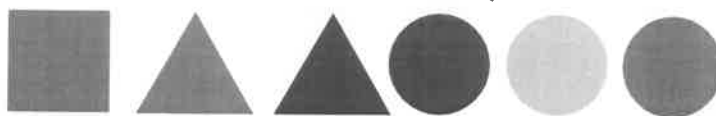
The worksheet displays three vertical snakes, each constructed from a series of hexagons. Each snake has a head at the bottom with two eyes and a tail at the top with a pointed cone. The snakes are designed for a shape recognition activity. The first snake has a dark grey head and tail, with hexagons containing dark grey shapes. The second snake has a dark grey head and tail, with hexagons containing dark grey shapes. The third snake has a light grey head and tail, with hexagons containing light grey shapes.

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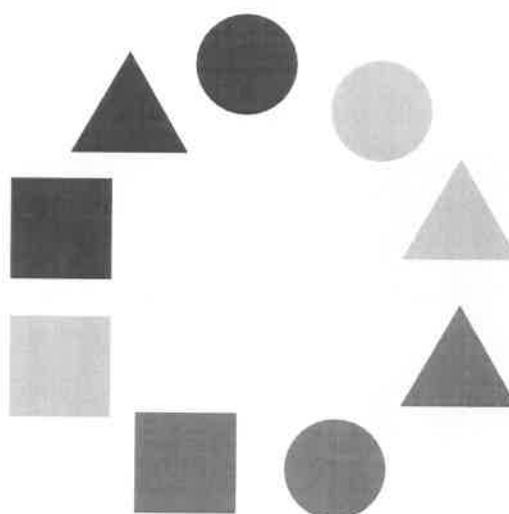
Investigation Shape wheels

1. Look at the sequence of shapes:



Only the shape OR colour changes as we add another shape.
What shape could come next?

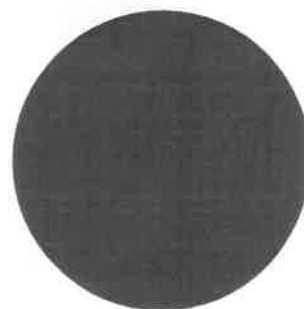
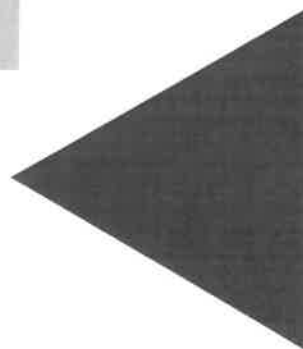
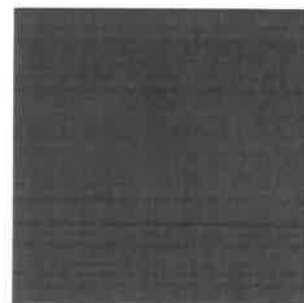
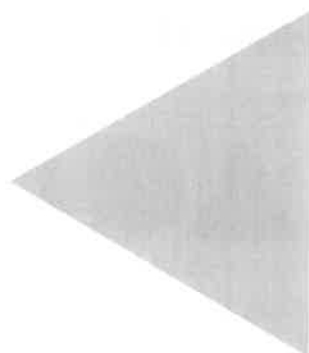
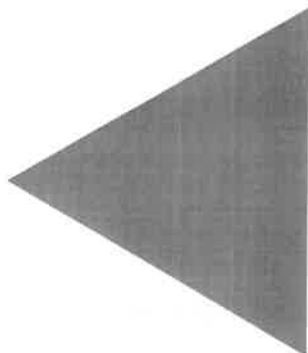
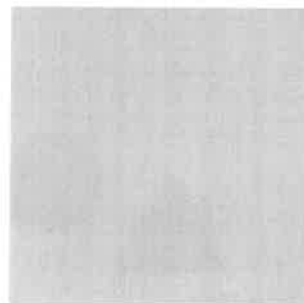
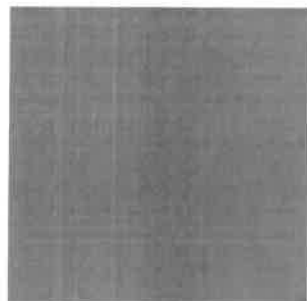
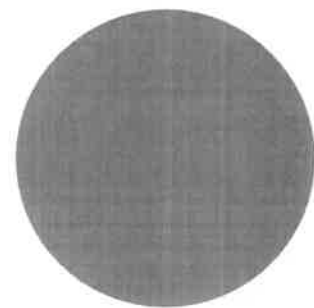
2. Create a sequence like this where the next shape in the sequence changes only in colour OR shape, not both.
3. Create a new sequence BUT this time your sequence must be a wheel shape so that the last of the nine shapes is followed by the first shape in the sequence! Like this:



Challenge

Can you make a shape wheel which uses all nine shapes?
Can you create a different shape wheel?

Investigation Shape wheels



What to do today

IMPORTANT! Parent or Carer – Read this page with your child and check that you are happy with what they have to do and with any weblinks or use of the Internet required.

1. Story time

Go to <https://www.youtube.com/watch?v=-9FZqX1CBqE> and enjoy the reading of *Handa's Hen* by Eileen Browne.

2. Reading numbers

Look at the random set of *Number Words*.

- Read each number word aloud.
- Cut out the cards and sequence the set vertically so that the numbers are in the right order, one to ten.
- Add the correct digit to each card (one/1; two/2, etc.).

3. Writing numbers

Look at the set of *Handa's Number Sentences*.

- Carefully read each sentence.
- Write in the missing number word on each one: *I saw two butterflies.*
- Write in any missing animal names too. Check with the *Animal Pictures* if you get stuck.

Now try this Fun-Time Extra

- What is the best animal in the story? Draw it on *My Favourite Animal* and say why you like it. Which is your least favourite animal? Draw it too and explain why you are not so keen on it.
- Akeyo is Handa's best friend. Who is your best friend? On *My Best Friend*, draw and describe your best friend.

Number Words

ten

two

four

eight

nine

five

seven

three

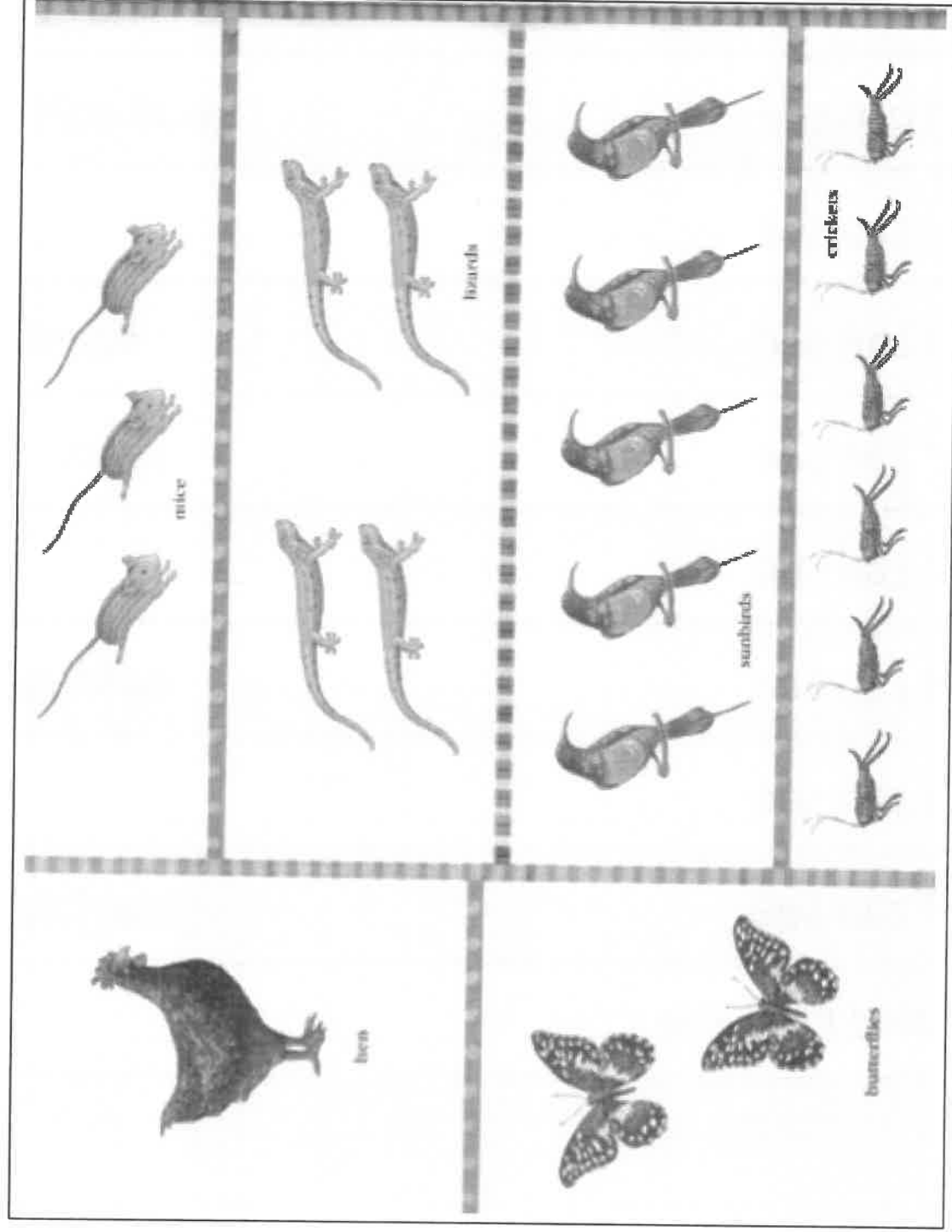
six

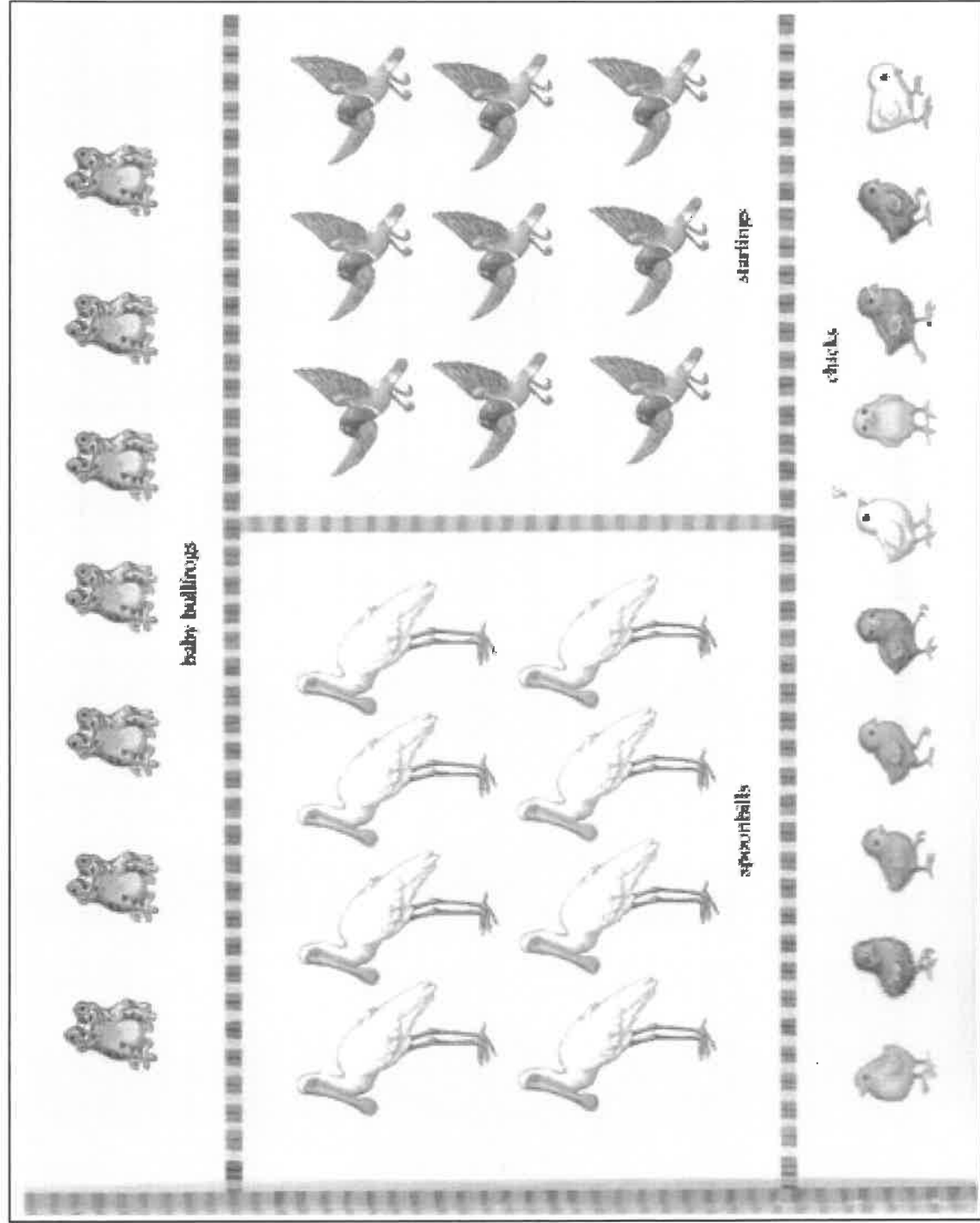
one

Handa's Number Sentences

I can see	hen.
I can see	butterflies.
I can see	.
I can see	lizards.
I can see	sunbirds.
I can see	.
I can see	bullfrogs.
I can see	.
I can see	starlings.
And I can see	!

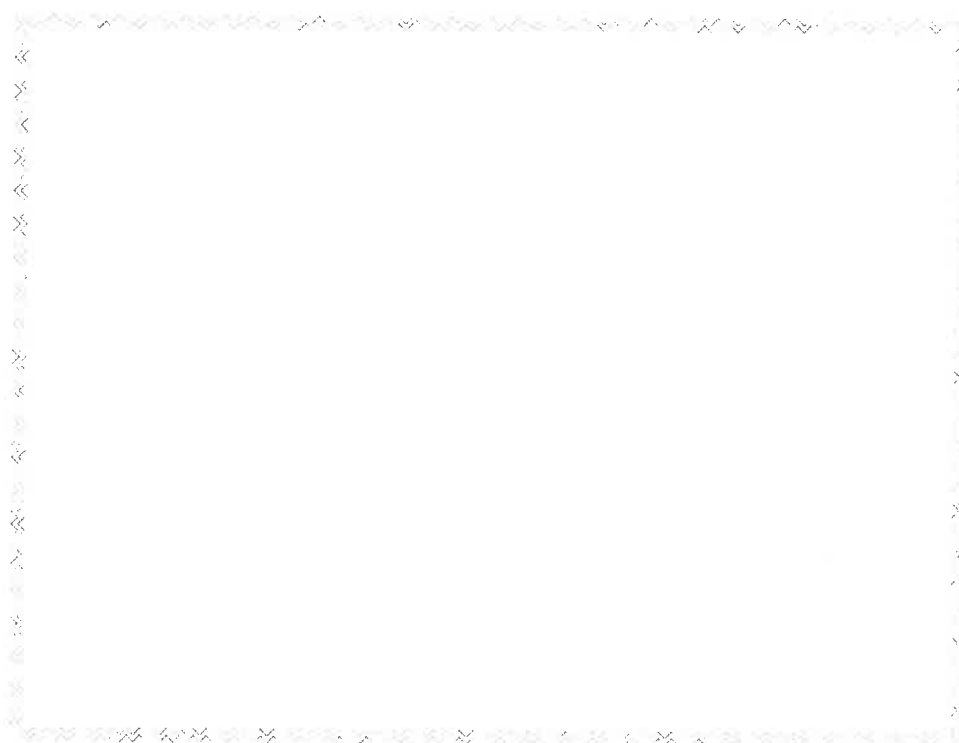
Animal Pictures





My Favourite Animal

My Best Friend



My Least Favourite Animal

What to do today

IMPORTANT! Parent or Carer – Read this page with your child and check that you are happy with what they have to do and with any weblinks or use of the Internet required.

You will use the Story Planner you produce today in the lesson tomorrow

1. Story time

Re-open <https://www.youtube.com/watch?v=-9FZqX1CBqE> and listen again to the story of *Handa's Hen*. In which continent does Handa live? Africa.

2. Describing words

Look at the *Animal Pictures* and at the list of *Akeyo's Animal Descriptions*.

- Read each descriptive phrase aloud.
- Suggest other good describing words you could use for each of the animals. What words could you use for the spoonbills and the chicks?

3. Plan a new version of *Handa's Hen*

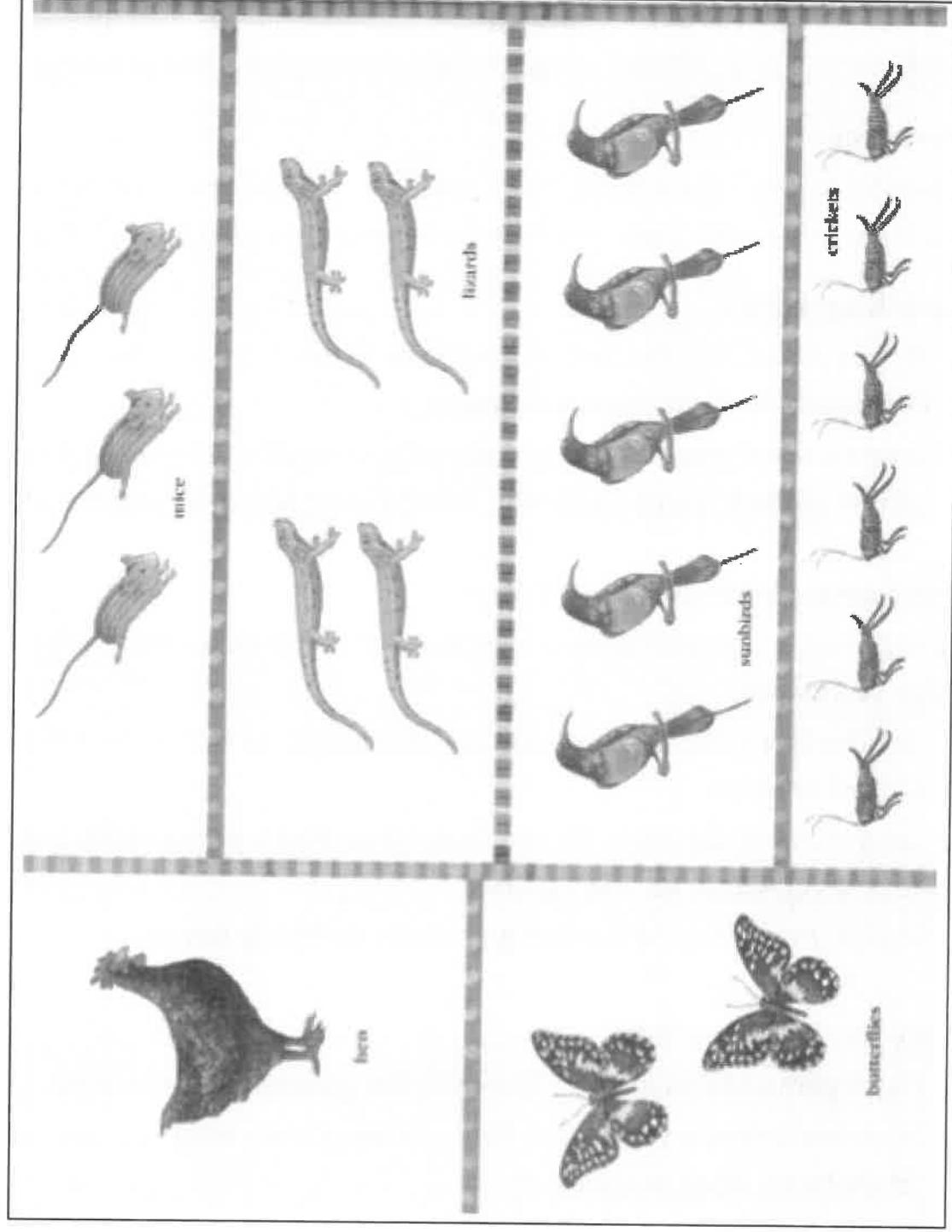
You are going to plan and write a new version of *Handa's Hen*. Today you will plan your story.

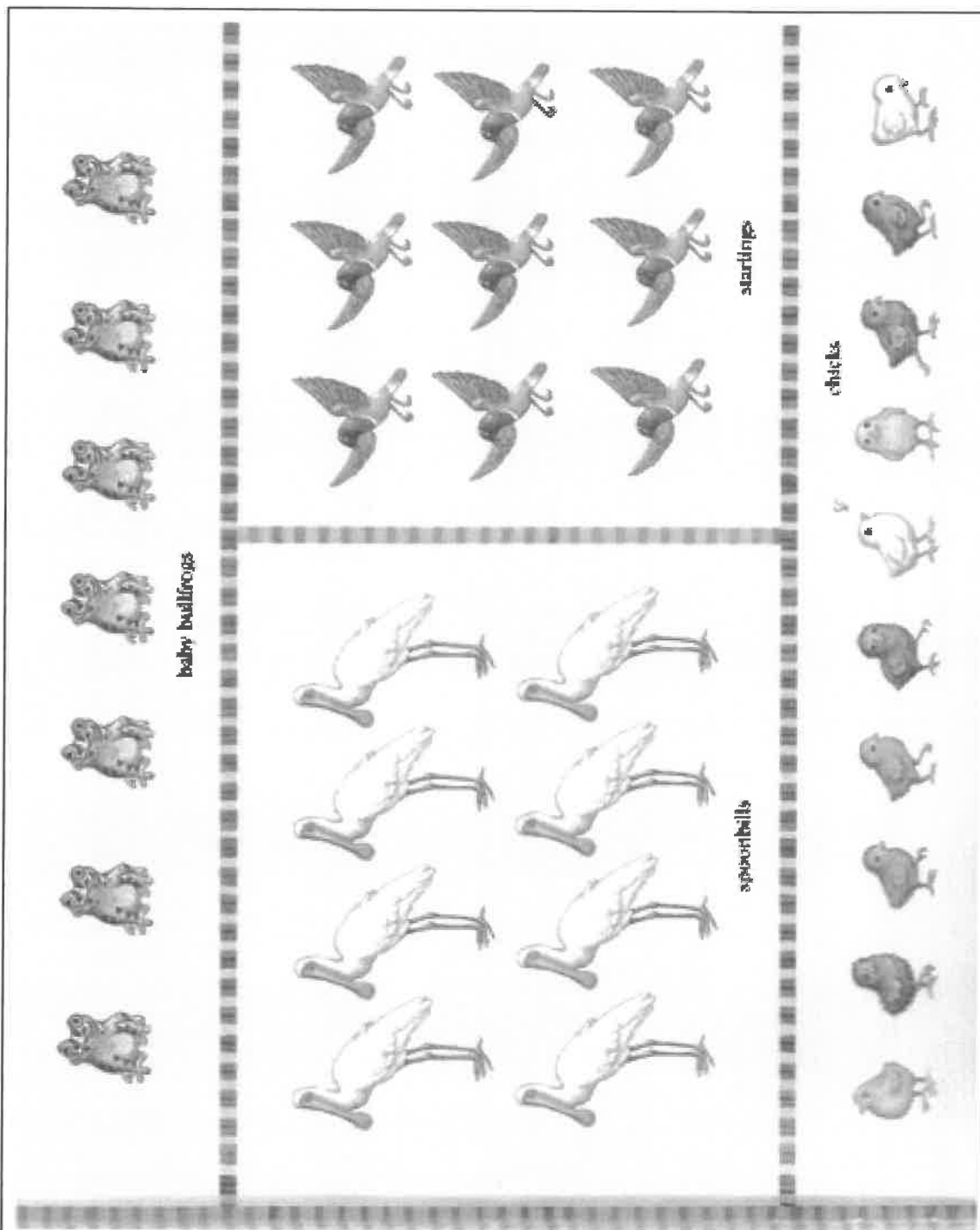
- Use the *Story Planner* and look at the pictures of *Handa and Akeyo's African Animals*.
- Keep filling in the *Story Planner* with your ideas, giving really good describing words for each animal.
- Decide where Handa's missing animal was finally found.

Now try this Fun-Time Extra

- Play a game of *Describing I Spy* with the picture from the book.
- List some animals you know. Find out what their offspring are called – cats/kittens, dogs/puppies etc.

Animal Pictures





Akeyo's Animal Descriptions

Akeyo's descriptive phrases	Other words you could use to describe the animals
fluttery butterflies	butterflies
stripy mice	mice
little lizards	lizards
beautiful sunbirds	sunbirds
jumpy crickets	crickets
baby bullfrogs	bullfrogs
shiny starlings	starlings
	spoonbills
	chicks

How to use the story planner

- Carefully read the *Story Planner* and begin by deciding what missing pet Handa will search for. *A mouse, a hamster, a cat*, etc. Fill in the box, using describing words for the pet: *a stripy grey cat*.
- Now look at the pictures of *Handa and Akeyo's African Animals*. Read each animal's name and choose four different creatures that Handa will accidentally find as she searches for her lost pet.
- Keep filling in the *Story Planner* with your ideas, giving really good describing words for each animal you choose: *tall spotty giraffes, huge fierce lions*, etc.




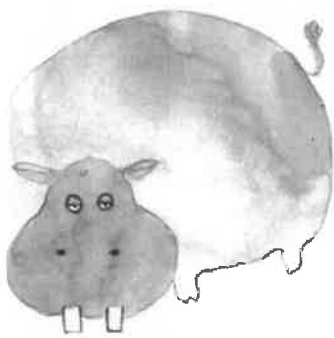

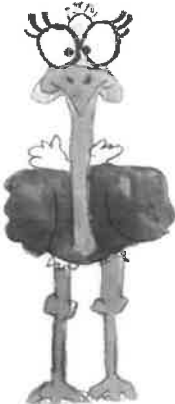




- Decide where Handa's missing animal was finally found (*under a tall tree*)... and what little things she found with it!

Story Planner

Handa's _____

What pet did Handa lose?	
Which animals did Handa see as she went looking for her pet?	one
	two
	three
	four
Where did Handa find her lost pet?	
What did Handa find with her lost pet!?	five

Handa and Akeyo's African Animals

<p>rhinocerus</p> 	<p>hippopotamus</p> 	<p>giraffe</p> 
<p>ostrich</p> 	<p>crocodile</p> 	<p>snake</p> 
<p>zebra</p> 	<p>lion</p> 	<p>If you prefer, choose some different animals of your own.</p>

Describing I Spy



What can you see in the picture?

Animals and their Young

Animal	What their young ones are called
--------	----------------------------------

<i>cat</i>	<i>kitten</i>

What to do today

IMPORTANT! Parent or Carer – Read this page with your child and check that you are happy with what they have to do and with any weblinks or use of the Internet required.

You need the plan produced in yesterday's lesson for today's writing

1. Story time

Go back to <https://www.youtube.com/watch?v=-9FZqX1CBqE> and listen to *Handa's Hen* for the last time.

- How many stars out of five would you give the story? Use the word *because* to explain why you give the book that many stars.

2. Answering questions

Look at the set of *Questions about Handa's Hen*

- Read and respond to each question in turn.

3. Writing time

Make your own *Mini Story Book* and write the new version of *Handa's story* that you planned yesterday.

- Turn the first row on your *Planner* into a full sentence: *Handa had lost her pet... cat*. Continue with the next line: *When she went looking for her cat she saw one...*
- Keep going with the remaining sentences.
- Use your best handwriting and word spacing. Be sure to spell your number words correctly.
- Make sure you use capital letters and full stops for all your sentences.

Now try these Fun-Time Extras

- Decorate the pages of your book with pictures.
- Read your finished story aloud to your family.

Questions about Handa's Hen

1. Circle the word that best describes the place where Handa lives.

a city

a town

a village

2. Circle the word you think is incorrect in this sentence.

Handa lives with her aunt.

3. Who is Akeyo? Circle the correct answer.

Handa's sister

A friend of Handa's Grandma

Handa's best friend

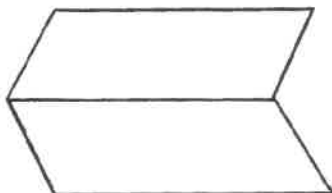
4. Write a sentence saying how Handa feels when she discovers that Mondy is missing.

5. Write a sentence saying how Handa and Akeyo feel when they find Mondy and her chicks.

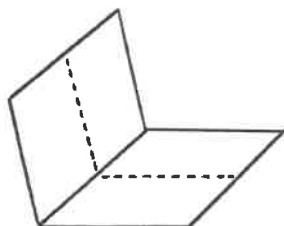
6. What do you think might happen next to Handa and Akeyo?

Mini Story Books Instructions

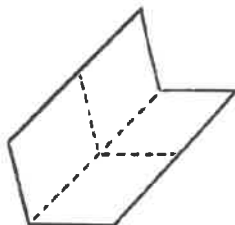
1. Fold a sheet of paper in half lengthways and then unfold it.



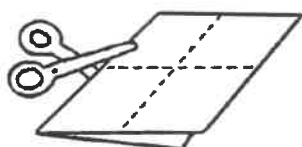
2. Fold the same sheet of paper in half widthways and leave it folded.



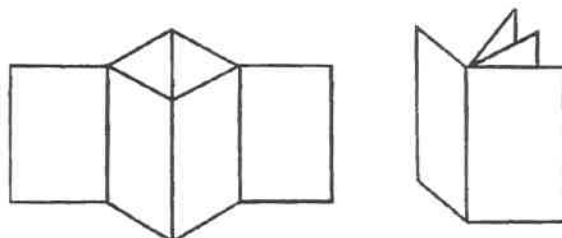
3. Fold it in half again in the same direction and then unfold the last fold.



4. Cut along the centre crease until you reach the middle of the piece of paper.



5. Unfold the paper completely. There should be a slit through the middle of the paper. Fold the paper in half lengthways again and then push the two ends inwards towards each other to create a star shape with four arms.



6. The four arms are the pages of the book. Fold all of the arms around to face the same direction and the book is complete.

What to do today

IMPORTANT! Parent or Carer – Read this page with your child and check that you are happy with what they have to do and with any weblinks or use of the Internet required.

1. Story time

Read the suggestions on *Reading Strategies* to remind yourself of the things to try when reading new or tricky words.

- Now read and enjoy *The Mouse, The Frog and The Little Red Hen*.
- Which words were tricky to read? Re-read these words and write them out on paper.

2. Describing characters

Look at the set of *Story Character Describing Words*.

- Carefully read each word or phrase. Copy each word under the name of the animal(s) that the description goes with – Hen, or Mouse/Frog?
- Add any other good words you can think of to describe the animals.

3. Writing time

Think carefully about all the hard-working things that Hen does in the story.

- On *Busy...*, draw Hen doing one of these hard-working things.
- In the box beneath, write several full, punctuated sentences.
- Use the word *and* to join together two things in one sentence.
- On *...Lazy!* do the same thing for Mouse and Frog and what they do when Hen is working so hard.

Now try this Fun-Time Extra

- On *I'm Here to Help!*, make a list of all the things you think you could do to be kind and helpful.
- Ask Mum and Dad and see if you can do some of those things today!

Reading Strategies

When you come across a word you don't know, use these strategies to help you read it.

Slowly sound out and blend the letters

c a t e r p i l l a r

Break longer words up into syllables

ca – ter – pill – ar

Look for smaller words you know that are hidden inside the bigger word

caterpillar

Think if the word makes sense

A caterpillar is a kind of animal. Yes! It makes sense in a story about animals.

Look at the pictures to see if they can help you



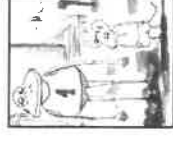
Story Character Describing Words

lazy *greedy* *busy* *kind* *naughty*
helpful *selfish* *mean* *thoughtful*
rude *hard-working*

Hen



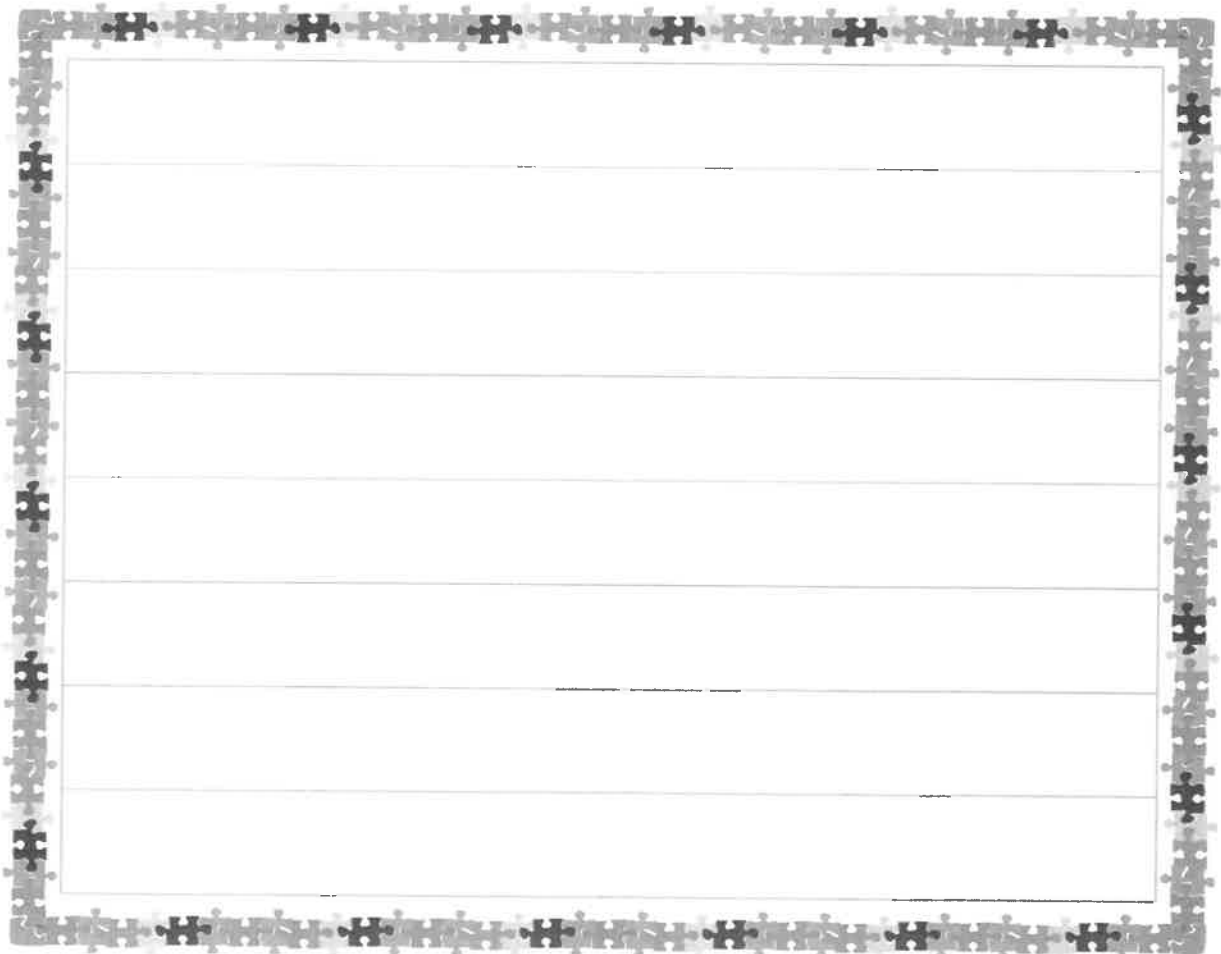
Frog and Mouse



Busy

Draw hen doing one of those hard-working things ...

- *Write several full, punctuated sentences explaining some of the things Hen does in the story*
- *Use the word and to join together two things in one sentence. Hen bakes a lovely loaf of bread and does all the cleaning in the house. She...*

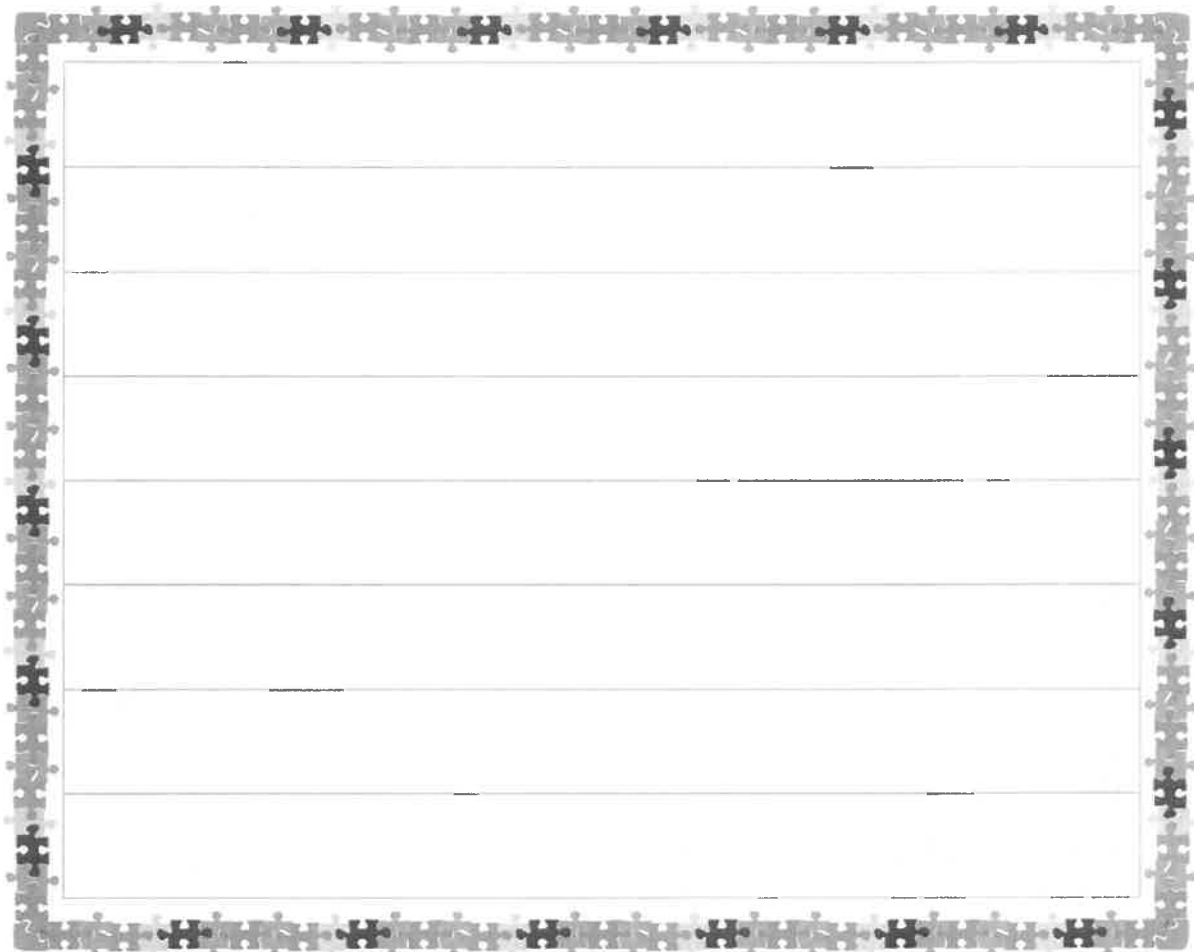


A large rectangular area with a decorative border of puzzle pieces. Inside, there are eight horizontal lines for writing.

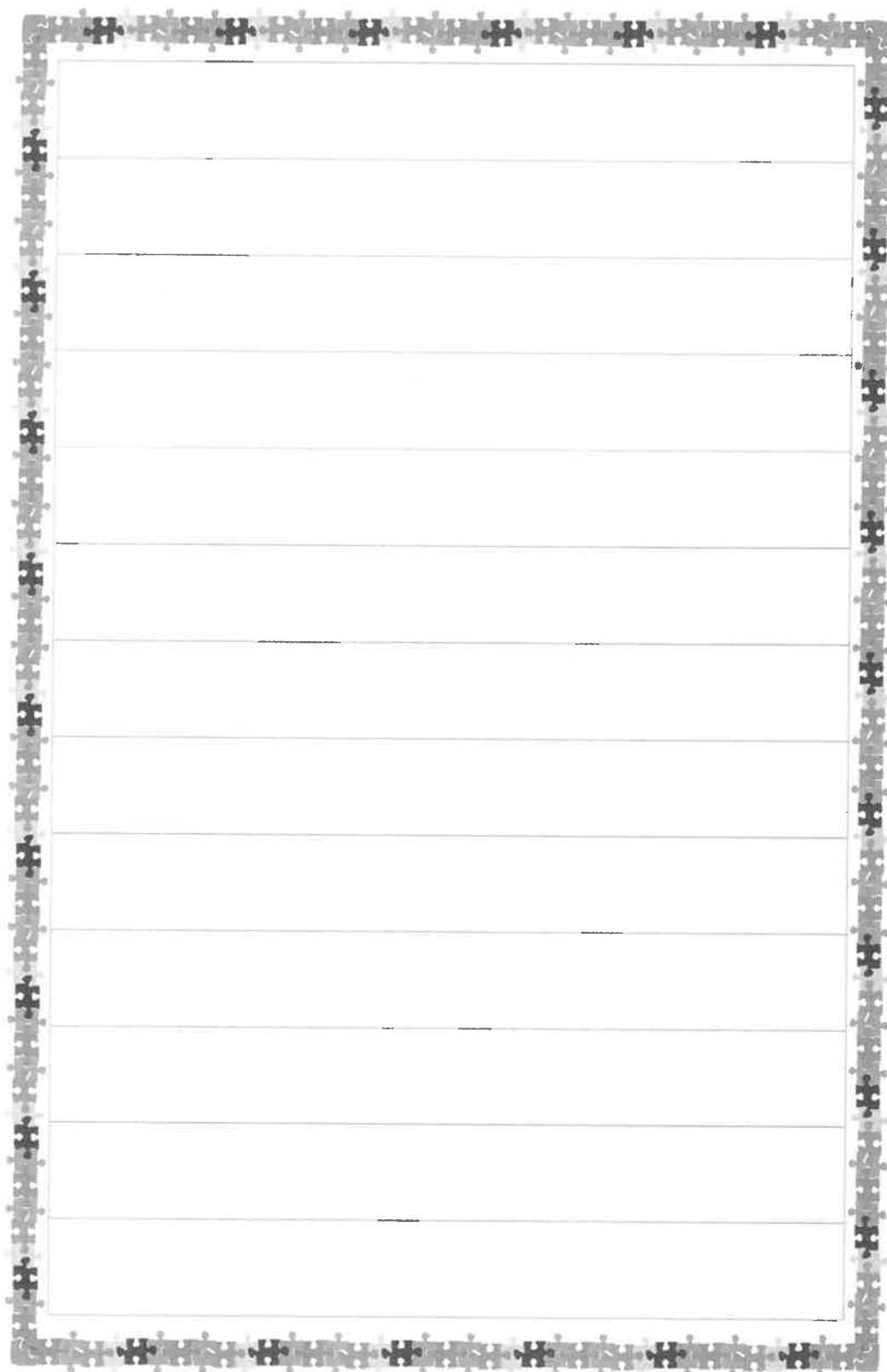
... and Lazy!

Draw Mouse or Frog doing something in the story

- *Write several full, punctuated sentences explaining some of the things Mouse and Frog do in the story*
- *Use the word and to join together two things in one sentence.*



I'm Here to Help!



A large rectangular area with a decorative border of interlocking puzzle pieces. Inside the border are 12 horizontal lines for writing.

What to do today

IMPORTANT! Parent or Carer – Read this page with your child and check that you are happy with what they have to do and with any weblinks or use of the Internet required.

1. Story time

Re-read the story, *The Mouse, The Frog and The Little Red Hen*.

2. Question Words and Question Marks

Look at the set of *Question Words*.

- Read each word aloud. What do you notice about the letter *h* in the words *where, when, what, why, who* and *which*? The *h* is a silent letter – we don't sound it out when we say the words.
- On *Spelling Question Words*, write each word out using a 'look, cover, write, check' method. If you get a word wrong, try again until you can spell it correctly.
- Rehearse forming question marks.

3. Writing Questions

On *Little Red Hen Questions*, write a question from Hen, Frog or Mouse starting with the word *when*. *When will Frog and Mouse help me?* or, *When is the bread going to be ready to eat?*

- Do the same thing for each of the other question words.
- Don't forget to end your sentences with a neat question mark.
- You could write replies... *Probably never!; In about 10 minutes.*
- Decorate your page with pictures.

Now try this Fun-Time Extra

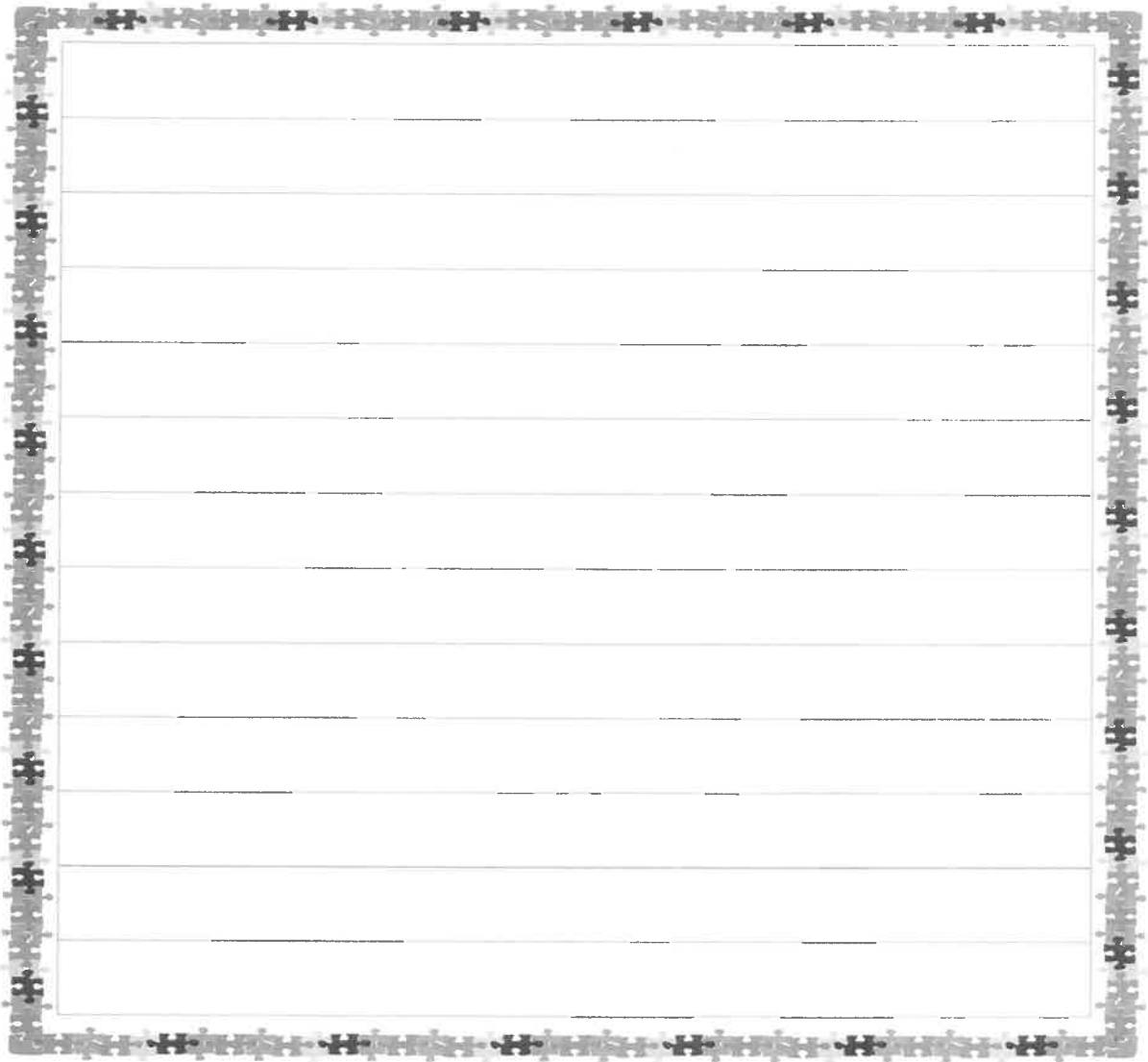
- Does the Hen's bread sound tasty? On *Four Favourite Foods*, draw four things you really like to eat.
- Write a question to go with each one. *How would you like to try some cheese on toast? What do you think of peas?*

Question Words

Questions often begin with one of these words...

Who	What	When
Where	Why	Which
How		

Spelling Question Words



A large rectangular area with a decorative border of puzzle pieces. Inside, there are 12 horizontal lines for writing.

Forming Question Marks



A large rectangular box with a question mark inside, intended for practicing forming question marks.

Little Red Hen Questions



A large rectangular area with a decorative border of interlocking puzzle pieces. Inside the border are eight horizontal lines for writing.

Can you write some answers as well?

[illegible]

