Monday - 5.7.21

Starter – Flashback 4 (Revision)

Flashback 4 — Year 2 | Week 1 | Day 4

1) Use **left** or **right** to complete the sentence.

The crab has moved 1 square _____.

2) What is 13 cm + 14 cm?

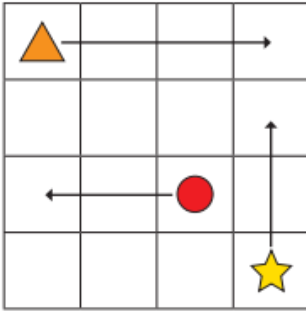3) How many quarters are the same as $\frac{1}{2}$?

4) What is 12 divided by 4?

White Rose Maths

Main task

Describing movement

White Rose Maths

1. The arrows show where the shapes are moving to on the grid.

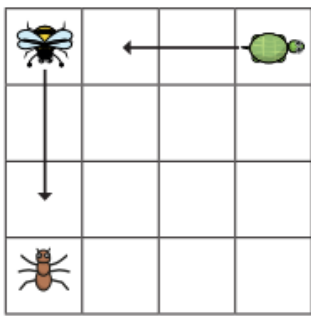Use the word bank to help you complete the sentences.

up   left   right

The triangle is moving ☐ squares _____.

The star is moving ☐ squares _____.

The circle is moving ☐ squares _____.

2. The arrows show where the animals are moving to on the grid.

a) Use the word bank to help you complete the sentences.

backwards   forwards

The bee is moving ☐ squares _____.

The tortoise is moving ☐ squares _____.

b) Draw an arrow to show the ant moving 3 squares to the right.

c) Does it matter which way the animals are facing?

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3 Annie, Teddy and Amir are moving on a grid.

Teddy		cinema	school
Annie			
Amir		park	shop

a) Draw an arrow to show Amir moving 2 squares forwards.

Where does Amir end up? _____

b) Draw arrows to show Annie moving 3 squares forwards and 2 squares left.

Where does she end up? _____

c) Teddy needs to get to the shop.

How could he get there?

4 Whitney and Tommy are describing movement.
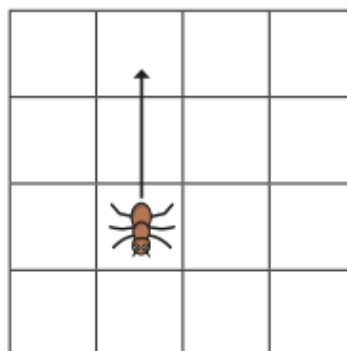
Whitney: The ant is moving 2 squares up.

Tommy: The ant is moving 2 squares backwards.

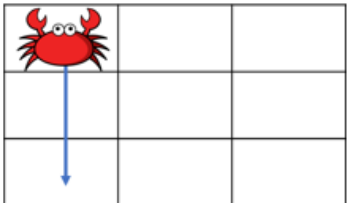Who do you agree with? _____

Talk about it with a partner.

Tuesday - 6.7.21

Starter — Flashback 4 (Revision)

Flashback 4   Year 2 | Week 1 | Day 5

1)   Complete the sentence.

The crab has moved ___ squares down.

2)   Calculate 18 cm — 7 cm

3)   What fraction of the shape is shaded?

4)   How many tens are in 75?

White Rose Maths

Main task

Describing turns

1 Match the picture to the turn.

full turn

half turn

quarter turn

2 First, the arrow is pointing up.

Then, it turns half a turn.

a) Draw to show what the arrow looks like now.

b) Complete the sentence.

Now, the arrow is pointing _____ .

3 Match the picture to the turn.

quarter turn clockwise

quarter turn anticlockwise

three-quarter turn clockwise

three-quarter turn anticlockwise

4 Draw to show what the triangle will look like after each turn.

a) A quarter turn clockwise.

b) A three-quarter turn anticlockwise.

What do you notice?

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5 Choose words from the word bank to complete the sentences.

quarter   half   three-quarter

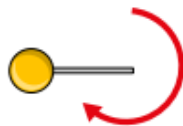clockwise   anticlockwise

a)   before   after

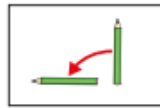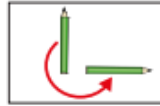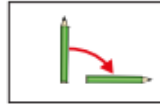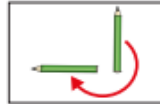The ladybird has turned a _____

turn _____ .

b)   before   after

The lollipop has turned a _____

turn _____ .

c)   before   after

The apple has turned a _____

turn _____ .

6 A square has been turned.

before   after

Complete the sentence.

The square has turned a _____

turn _____ .

Is there more than one answer?

Wednesday - 7.7.21

Starter — Flashback 4 (Revision)
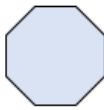
Flashback 4

Year 2 | Week 2 | Day 1

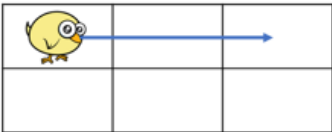1) What turn has the owl made?

full   half   quarter

2) Describe the movement using **forwards** or **backwards**.

The chick has moved 2 squares _____ .

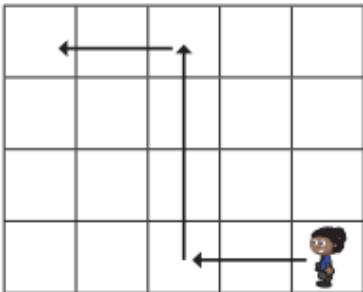3) What is $\frac{1}{3}$ of 9?

4) What is 10 more than 24?

White Rose Maths

Main task

Describing movement and turns

White Rose Maths

1 Whitney is moving around a grid.

Complete the sentences to describe Whitney's movement.

First, she walks ☐ squares forwards.

Then she turns _____ and walks ☐ squares forwards.

Then she turns _____ and walks ☐ squares forwards.

2 Alex is moving around a grid.
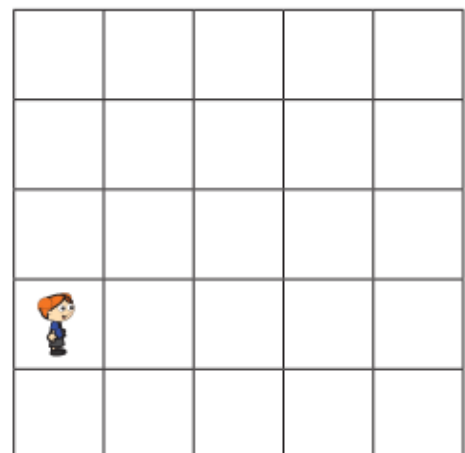
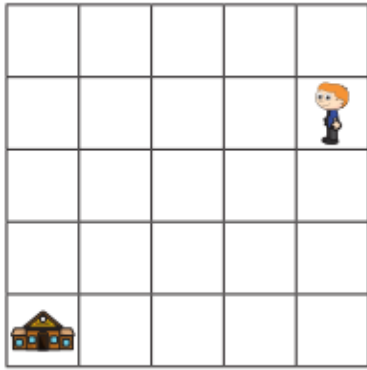Draw arrows to show her movement.

- First, she walks 2 squares forwards.

- Then, she turns left and walks 3 squares forwards.

- Then she turns right and walks 2 squares forwards.

Could Alex have got there another way?

3 Ron is on his way to school.

a) Draw arrows to show the path Ron could take to school.

b) Describe the path to a partner.
Did you choose the same path for Ron?

4 Teddy and Amir are both facing the same way.

Teddy   Amir

a) Teddy turns left.
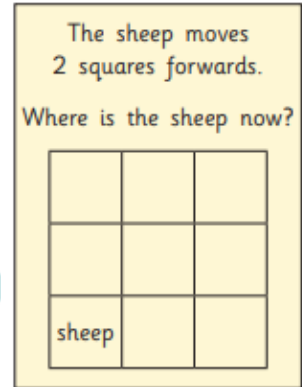Draw an arrow to show the way he is facing now.

b) Amir turns a quarter turn anticlockwise.
Draw an arrow to show the way he is facing now.
What do you notice?

5 Rosie and Dexter are answering a question.

The sheep moves 2 squares forwards.
Where is the sheep now?

Rosie

sheep

Dexter

I know where the sheep is now.

It is impossible to answer this.

Who do you agree with? _____
Talk about it with a partner.

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Thursday - 8.7.21

Starter – Flashback 4 (Revision)

Flashback 4

Year 2 | Week 2 | Day 2

1) What turn has the bee made?

full   half   quarter

2) Describe the movement using **forwards** or **backwards**.

The fox has moved 2 squares _____ .

3) Complete the sequence. $\frac{1}{2}, 1, 1\frac{1}{2}, 2,$ ☐ ☐
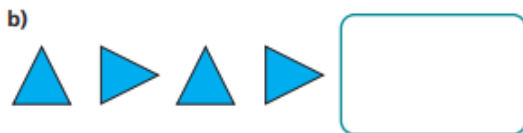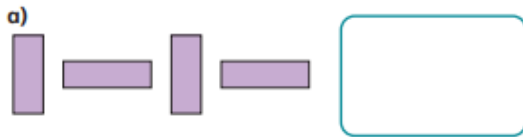
4) What is $35 + 17$?

White Rose Maths

Main task

Making patterns with shapes

1 Draw the next two shapes in each pattern.

a)

b)

c)

d)

2 Tick the missing shape for each pattern.

a)

b)

c)

What is the turn in each pattern?
Talk about it with a partner.

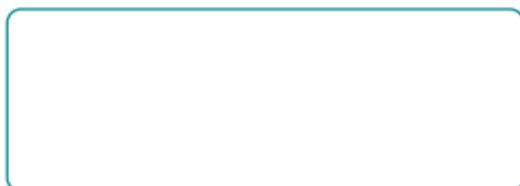**3** Describe the turn in each pattern.

a)

b)

c)

4 Tommy is describing a pattern.

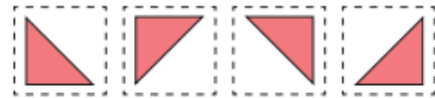The first shape is a triangle and it turns a quarter turn clockwise each time.

Draw the first five shapes in Tommy's pattern.

Compare answers with a partner.

5 Dora, Eva, Amir and Ron are describing a pattern.

The square does not turn at all each time.

Dora

The square turns a quarter turn each time.

Amir

The square turns a half turn each time.

Eva

The square turns a three-quarter turn each time.
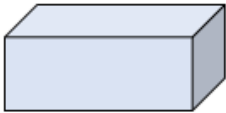
Ron

Who do you agree with? _____

Talk about it with a partner.

<u>Friday - 9.7.21</u>
<u>Starter – Flashback 4 (Revision)</u>

1) What turn has the spider made?

quarter turn clockwise

quarter turn anticlockwise

2) Complete the sentence.

The _____ has moved 1 square left.

3) Complete the sequence. $\frac{1}{4}, \frac{2}{4}, \frac{3}{4}, 1, \boxed{}, \boxed{}$
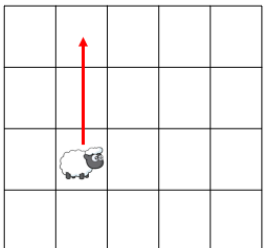
4) What is 5 × 7?

White Rose Maths

<u>Main task</u>

Choose a range of questions from the ones I have given you to answer. Remember to explain your answer. You can cut them out and stick them on lined paper to help you write your answers next to the picture.
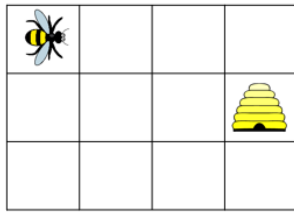
The sheep has moved 2 squares forward.

Amir

Is Amir correct?
Explain your reasoning.

How many different routes can you write for the bee to get to the hive?

Use the words forwards, backwards, left and right.

Always, Sometimes, Never

If two objects turn in different directions they will not be facing the same way.

Is Whitney correct?

A quarter turn clockwise is the same as a three-quarter turn anticlockwise.

Convince me.

How many different routes can you find to get from start to finish.
Use the words 'forwards', 'backwards', 'clockwise', 'anti-clockwise' and 'quarter turn'.

			Finish
	Start		

Spot the mistake in each pattern.
Explain why they are incorrect.

Eva
The rule is turn the shape a quarter turn.

The rule is turn the shape three quarters.
Rosie

Who is correct?