Big Maths Beat That!: Teacher Notes

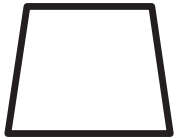|	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Shape: 2D Shapes	17	I can compare and sort many 2D shapes
Q2	Amounts: Amounts of Distance	7, 10	I can compare descriptions of distance in practical contexts and record the comparisons with symbols
	Amounts: Amounts of Mass	7, 10	I can compare descriptions of mass in practical contexts and record the comparisons with symbols
	Amounts: Amounts of Space	7, 10	I can compare descriptions of capacity in practical contexts and record the comparisons with symbols
Q3	Amounts: Amounts of Money	11	I can give change from a pound
Q4	Amounts: Amounts of Time	19	I can place different periods of time in order
Q5	Amounts: Amounts of Time: Telling The Time	8	I can tell the time!
Q6	Amounts: Amounts of Turn	5	I can recognise that a quarter turn is a right angle
Q7	Fractions: Fractions: Counting	4	I can count in quarters
Q8	Fractions: Fractions: Learn Its	3	I can quickly write out my fractions Learn Its 1/2 of 10 = 5, 1/2 of 8 = 4, 1/2 of 6 = 3, 1/2 of 4 = 2, 1/2 of 2 = 1
Q9	Fractions: Fractions: Learn Its	4	I know all of my x2, x5, x10 tables as fractions Learn Its
Q10	Fractions: Fractions: It's Nothing New	3	I can add and subtract halves, quarters and thirds
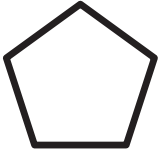
1 Draw a line from the shape to its name:

Quadrilateral

Hexagon

Pentagon

2 < or >

3m _____ 10cm

5g _____ 5kg

2L _____ 20ml

3 How much change from

£1

65p ⟶ _____

4 Tick the shortest amount of time

10 Minutes	3 Weeks	3 Minutes
☐	☐	☐

5

:

6 Which is the right angle?

☐

☐

☐

7 Write as a mixed number

_____
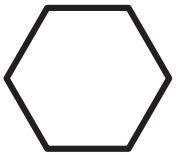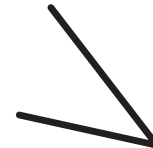
8 $\frac{1}{2}$ of 6 =

$\frac{1}{2}$ of 2 =

$\frac{1}{2}$ of 10 =

9 $\frac{1}{5}$ of 20 =

$\frac{1}{10}$ of 40 =

$\frac{1}{2}$ of 18 =

10 $\frac{3}{4} - \frac{1}{4} =$
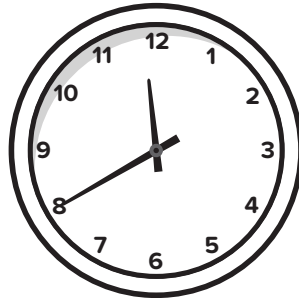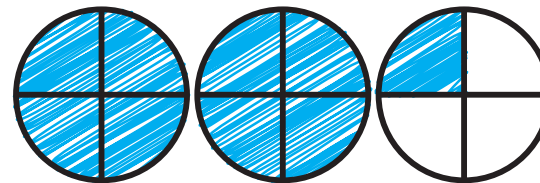
1 Draw a line from the shape to its name:

Quadrilateral

Hexagon

Pentagon

2 < or >

1m _____ 120cm

2kg _____ 70g

120ml _____ 3L

3 How much change from

£1

32p → _____

4 Tick the longest amount of time

10 Weeks ☐   3 Months ☐   1 Year ☐

5

:

6 Which is the right angle?

☐

☐

☐

7 Write as a mixed number

_____
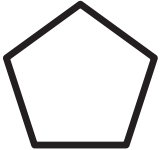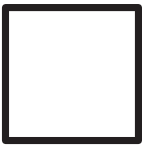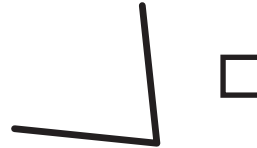
8 $\frac{1}{2}$ of 8 =

$\frac{1}{2}$ of 6 =

$\frac{1}{2}$ of 4 =

9 $\frac{1}{5}$ of 40 =

$\frac{1}{10}$ of 20 =

$\frac{1}{2}$ of 16 =

10 $\frac{1}{3} + \frac{1}{3}$ =
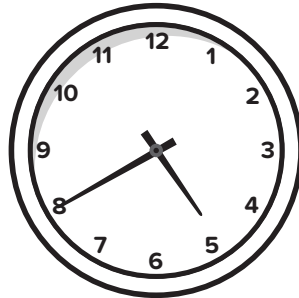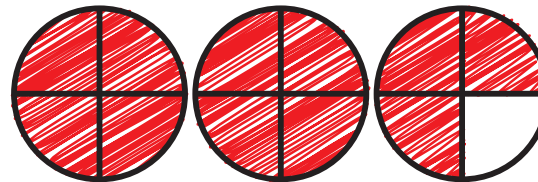
1 Draw a line from the shape to its name:

Hexagon

Pentagon

Quadrilateral

2 < or >

4kg _____ 450g

10m _____ 200cm

2L _____ 150ml

3 How much change from

£1

80p → _____

4 Tick the longest amount of time

2 Months	40 Days	50 Minutes
☐	☐	☐

5

:

6 Which is the right angle?

☐

☐

☐

7 Write as a mixed number

_____
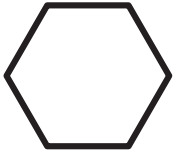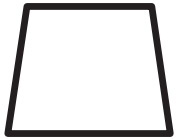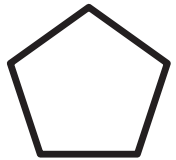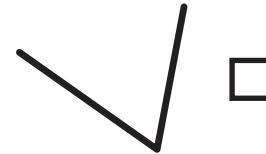
8

$\frac{1}{2}$ of 2 =

$\frac{1}{2}$ of 6 =

$\frac{1}{2}$ of 8 =

9

$\frac{1}{5}$ of 45 =

$\frac{1}{10}$ of 70 =

$\frac{1}{2}$ of 12 =

10

$\frac{1}{4} + \frac{2}{4} =$
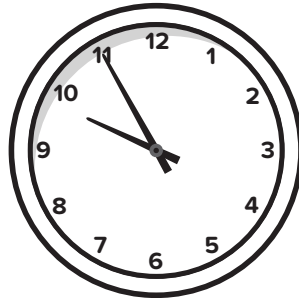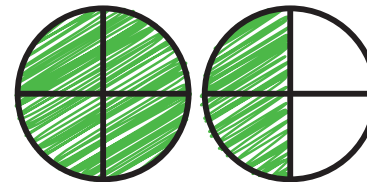
1 Draw a line from the shape to its name:

Quadrilateral

Hexagon

Pentagon

2 < or >

4L _____ 500ml

1kg _____ 10g

20cm _____ 1m

3 How much change from

£1

34p ⟶ _____

4 Tick the shortest amount of time

25 Minutes ☐

1 year ☐

2 days ☐

5

:

6 Which is the right angle?

☐

☐

☐

7 Write as a mixed number

_____

8
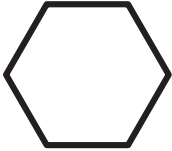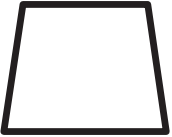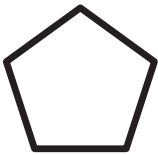
$\frac{1}{2}$ of 4 =

$\frac{1}{2}$ of 10 =

$\frac{1}{2}$ of 2 =

9

$\frac{1}{5}$ of 25 =

$\frac{1}{10}$ of 50 =

$\frac{1}{2}$ of 6 =

10

$\frac{2}{3} - \frac{1}{3} =$
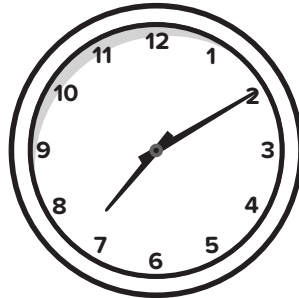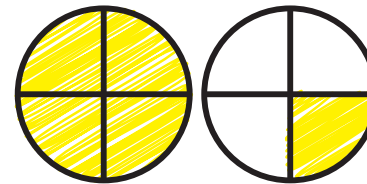
BIG Maths BEAT THAT!

The BIG Maths SAFE Challenges!

1 Draw a line from the shape to its name:

Pentagon

Hexagon

Quadrilateral

2 < or >

1200ml _____ 1L

50g _____ 50kg

5m _____ 50cm

3 How much change from

£1

92p → _____

4 Tick the longest amount of time

30 Years	40 Days	20 Months
☐	☐	☐

5

:

6 Which is the right angle?

☐

☐

☐

7 Write as a mixed number

_____

8
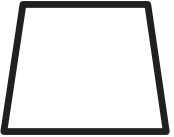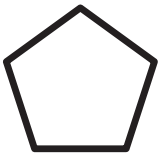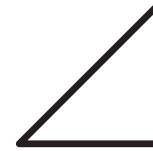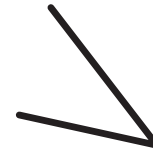
$\frac{1}{2}$ of 10 =

$\frac{1}{2}$ of 2 =

$\frac{1}{2}$ of 8 =

9

$\frac{1}{5}$ of 10 =

$\frac{1}{10}$ of 80 =
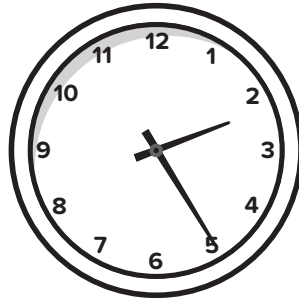
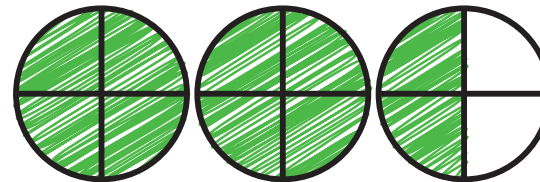$\frac{1}{2}$ of 10 =

10

$\frac{1}{4} + \frac{1}{4} =$

1 Draw a line from the shape to its name:

Quadrilateral

Hexagon

Pentagon

2 < or >

100ml _____ 150ml

2kg _____ 200g

5cm _____ 4m

3 How much change from

£1

5p → _____

4 Tick the longest amount of time

2 Minutes ☐   10 Seconds ☐   1 Day ☐

5

:

6 Which is the right angle?

☐

☐

☐

7 Write as a mixed number

_____
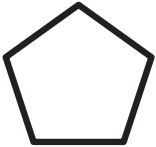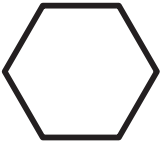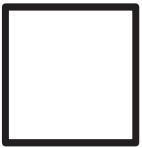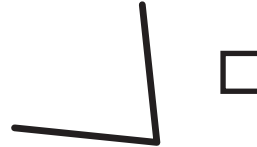
8 $\frac{1}{2}$ of 4 =

$\frac{1}{2}$ of 8 =

$\frac{1}{2}$ of 6 =

9 $\frac{1}{5}$ of 50 =

$\frac{1}{10}$ of 60 =

$\frac{1}{2}$ of 18 =

10 $\frac{3}{4} - \frac{2}{4} =$
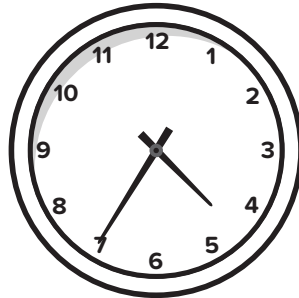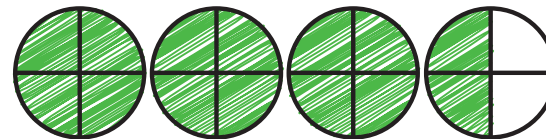
1 Draw a line from the shape to its name:

Pentagon

Hexagon

Quadrilateral

2 < or >

2L _____ 400ml

2kg _____ 1kg

1m _____ 10cm

3 How much change from

£1

25p ⟶ _____

4 Tick the shortest amount of time

1 Minute	10 Seconds	2 Weeks
☐	☐	☐

5

[:]

6 Which is the right angle?

☐

☐

☐

7 Write as a mixed number

_____

8
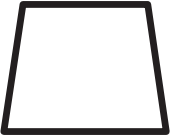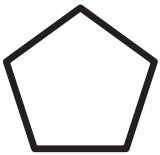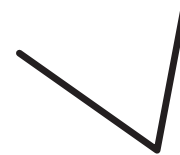
$\frac{1}{2}$ of 10 =

$\frac{1}{2}$ of 2 =

$\frac{1}{2}$ of 4 =

9

$\frac{1}{5}$ of 40 =

$\frac{1}{10}$ of 40 =

$\frac{1}{2}$ of 20 =

10

$\frac{1}{3} + \frac{1}{3} =$
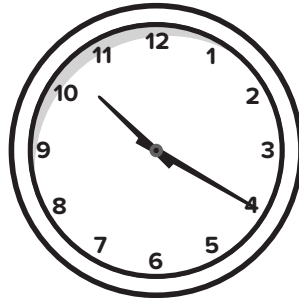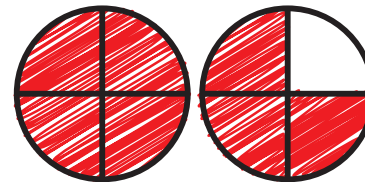
1 Draw a line from the shape to its name:

Hexagon

Quadrilateral

Pentagon

2 < or >

1cm _____ 1m

5kg _____ 5g

20L _____ 200ml

3 How much change from

£1

34p ⟶ _____

4 Tick the longest amount of time

5 Days	3 Weeks	1 Month
☐	☐	☐

5

_____:_____

6 Which is the right angle?

☐

☐

☐

7 Write as a mixed number

_____
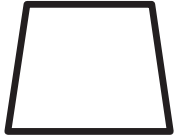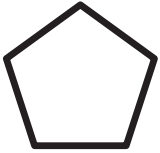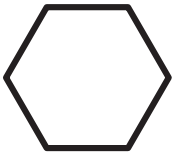
8

$\frac{1}{2}$ of 2 =

$\frac{1}{2}$ of 4 =

$\frac{1}{2}$ of 6 =

9

$\frac{1}{5}$ of 15 =

$\frac{1}{10}$ of 20 =

$\frac{1}{2}$ of 12 =

10

$\frac{3}{4} - \frac{1}{4} =$

1 Draw a line from the shape to its name:

Quadrilateral

Hexagon

Pentagon

2 **< or >**

200g _____ 1kg

4L _____ 4500ml

50ml _____ 30ml

3 How much change from

£ 1

60p ⟶ _____

4 Tick the longest amount of time

| 2 Years | 100 Seconds | 18 Months |
| ☐ | ☐ | ☐ |

5

:

6 Which is the right angle?

☐

☐

☐

7 Write as a mixed number

_____

8 $\frac{1}{2}$ of 10 =

$\frac{1}{2}$ of 8 =

$\frac{1}{2}$ of 2 =

9 $\frac{1}{5}$ of 30 =

$\frac{1}{10}$ of 90 =

$\frac{1}{2}$ of 14 =

10 $\frac{1}{3} + \frac{1}{3} =$

1 Draw a line from the shape to its name:

Hexagon

Quadrilateral

Pentagon

2 < or >

3L _____ 2L

1kg _____ 1700g

20cm _____ 2m

3 How much change from

£1

43p ⟶ _____

4 Tick the shortest amount of time

3 Months	30 Minutes	11 Days
☐	☐	☐

5

:

6 Which is the right angle?

☐

☐

☐

7 Write as a mixed number

_____
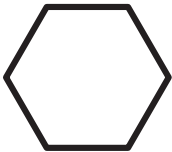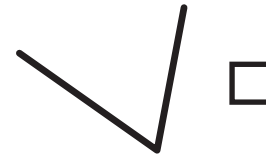
8 $\frac{1}{2}$ of 4 =

$\frac{1}{2}$ of 10 =

$\frac{1}{2}$ of 6 =

9 $\frac{1}{5}$ of 45 =

$\frac{1}{10}$ of 30 =

$\frac{1}{2}$ of 8 =

10 $\frac{2}{4} - \frac{1}{4} =$
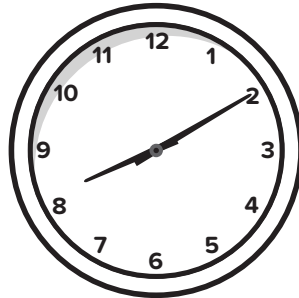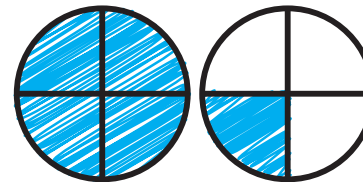
BEAT THAT!

The Big SAFE Challenges!

1 Draw a line from the shape to its name:

Quadrilateral

Hexagon

Pentagon

2 < or >

3m **>** 10cm

5g **<** 5kg

2L **>** 20ml

3 How much change from

£ 1
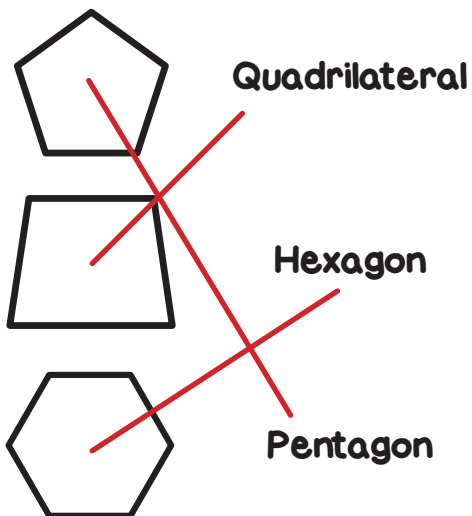
65p → **35p**

4 Tick the shortest amount of time

10 Minutes	3 Weeks	3 Minutes
☐	☐	✓

5

11:40

6 Which is the right angle?

☐

✓

☐

7 Write as a mixed number

2 1/4

8
$\frac{1}{2}$ of 6 = **3**

$\frac{1}{2}$ of 2 = **1**

$\frac{1}{2}$ of 10 = **5**

9
$\frac{1}{5}$ of 20 = **4**

$\frac{1}{10}$ of 40 = **4**

$\frac{1}{2}$ of 18 = **9**

10
$\frac{3}{4} - \frac{1}{4} = \frac{2}{4}$
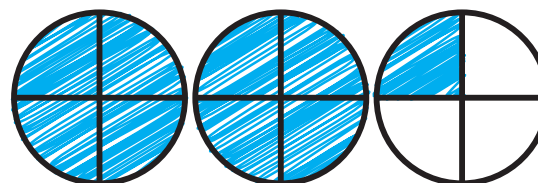
BEAT THAT!

The Big SAFE Challenges!

1 Draw a line from the shape to its name:

Quadrilateral

Hexagon

Pentagon

2 < or >

1m **<** 120cm

2kg **>** 70g

120ml **<** 3L

3 How much change from

£1
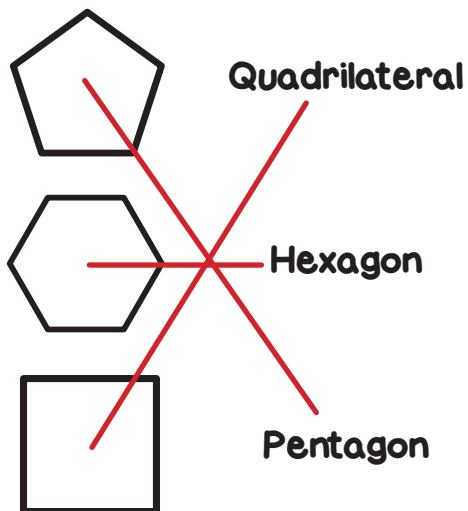
32p → **68p**

4 Tick the longest amount of time

10 Weeks	3 Months	1 Year
☐	☐	✓

5

04:40

6 Which is the right angle?

☑

☐

☐

7 Write as a mixed number

2 $\frac{3}{4}$
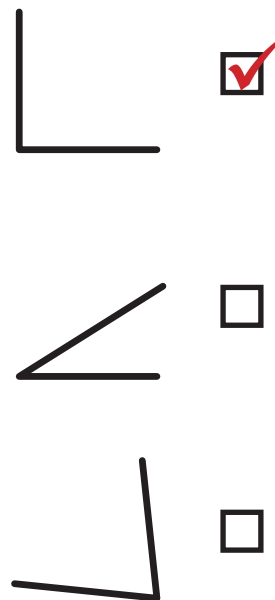
8 $\frac{1}{2}$ of 8 = **4**

$\frac{1}{2}$ of 6 = **3**

$\frac{1}{2}$ of 4 = **2**

9 $\frac{1}{5}$ of 40 = **8**

$\frac{1}{10}$ of 20 = **2**

$\frac{1}{2}$ of 16 = **8**

10 $\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$
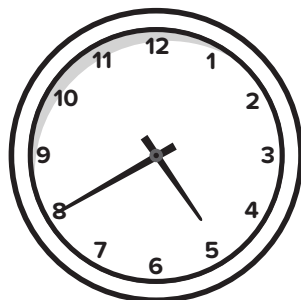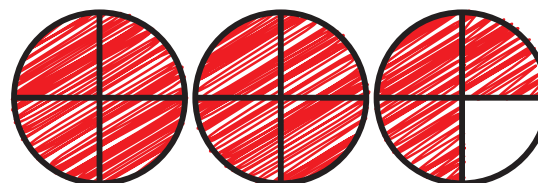
MY LAST SCORE?! .... HAVE I BEAT THAT?! ....

1 Draw a line from the shape to its name:

Hexagon

Pentagon

Quadrilateral

2 < or >

4kg **>** 450g

10m **>** 200cm

2L **>** 150ml

3 How much change from

£1

80p ⟶ **20p**

4 Tick the longest amount of time

2 Months ☑ | 40 Days ☐ | 50 Minutes ☐

5

09:55

6 Which is the right angle?

☐

☐

☑

7 Write as a mixed number

$1\frac{2}{4}$
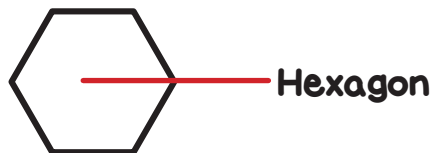
8 $\frac{1}{2}$ of 2 = **1**

$\frac{1}{2}$ of 6 = **3**

$\frac{1}{2}$ of 8 = **4**

9 $\frac{1}{5}$ of 45 = **9**

$\frac{1}{10}$ of 70 = **7**

$\frac{1}{2}$ of 12 = **6**

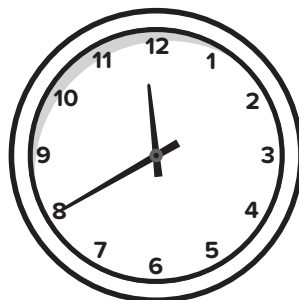**10** $\frac{1}{4} + \frac{2}{4} = \frac{3}{4}$
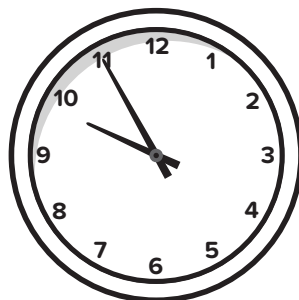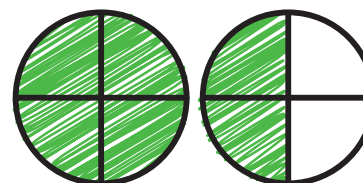
MY LAST SCORE?! .... HAVE I BEAT THAT?! ....

BEAT THAT!

The BIG SAFE Challenges!

Andrell Education Ltd

1 Draw a line from the shape to its name:

Quadrilateral

Hexagon

Pentagon

2 < or >

4L __>__ 500ml

1kg __>__ 10g

20cm __<__ 1m

3 How much change from

£1
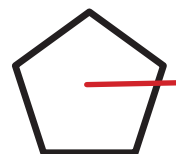
34p ⟶ **66p**

4 Tick the shortest amount of time

25 Minutes	1 year	2 days
✓	☐	☐

5

07:10

6 Which is the right angle?

✓

☐

☐

7 Write as a mixed number

1 1/4

8

$\frac{1}{2}$ of 4 = **2**

$\frac{1}{2}$ of 10 = **5**

$\frac{1}{2}$ of 2 = **1**

9

$\frac{1}{5}$ of 25 = **5**

$\frac{1}{10}$ of 50 = **5**

$\frac{1}{2}$ of 6 = **3**

10

$\frac{2}{3} - \frac{1}{3} = \frac{1}{3}$

MY LAST SCORE?! .... HAVE I BEAT THAT?! ....

BEAT THAT!

The BIG SAFE Challenges!

1 Draw a line from the shape to its name:

Pentagon

Hexagon

Quadrilateral

2 < or >

1200ml __>__ 1L

50g __<__ 50kg

5m __>__ 50cm

3 How much change from

£1

92p → __8p__

4 Tick the longest amount of time

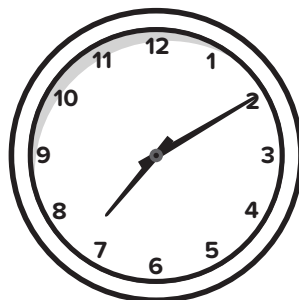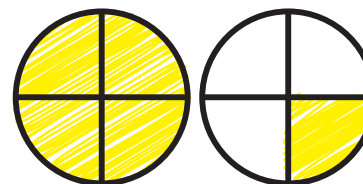| 30 Years	40 Days	20 Months
✓	☐	☐

5

02:25

6 Which is the right angle?

☐

✓

☐

7 Write as a mixed number

$2\frac{2}{4}$

8
$\frac{1}{2}$ of 10 = **5**

$\frac{1}{2}$ of 2 = **1**

$\frac{1}{2}$ of 8 = **4**

9
$\frac{1}{5}$ of 10 = **2**

$\frac{1}{10}$ of 80 = **8**

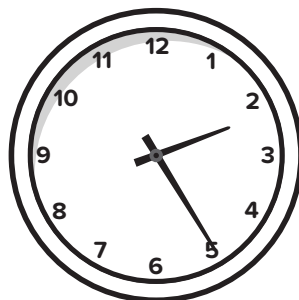$\frac{1}{2}$ of 10 = **5**

10
$\frac{1}{4} + \frac{1}{4} = \frac{2}{4}$

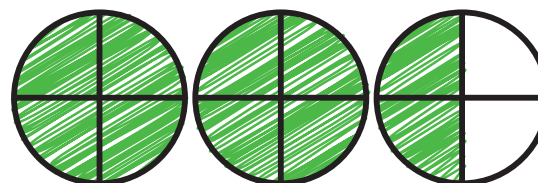MY LAST SCORE?! .... HAVE I BEAT THAT?! ....

1 Draw a line from the shape to its name:

Quadrilateral

Hexagon

Pentagon

2 < or >

100ml __<__ 150ml

2kg __>__ 200g

5cm __<__ 4m

3 How much change from

£1

5p → __95p__

4 Tick the longest amount of time

2 Minutes ☐   10 Seconds ☐   1 Day ☑

5

04:35

6 Which is the right angle?

☐

☐

☑

7 Write as a mixed number

3 $\frac{2}{4}$

8
$\frac{1}{2}$ of 4 = **2**

$\frac{1}{2}$ of 8 = **4**

$\frac{1}{2}$ of 6 = **3**

9
$\frac{1}{5}$ of 50 = **10**

$\frac{1}{10}$ of 60 = **6**

$\frac{1}{2}$ of 18 = **9**

10
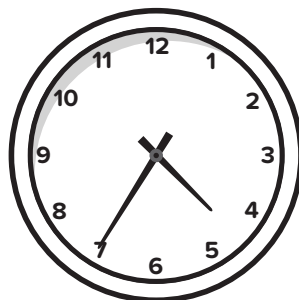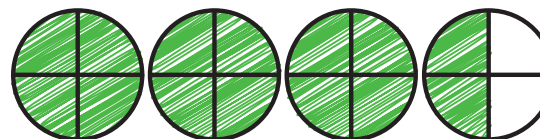$\frac{3}{4} - \frac{2}{4} = \frac{1}{4}$

MY LAST SCORE?! ....   HAVE I BEAT THAT?! ....

BEAT THAT!

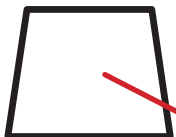Andrell Education Ltd

The Big SAFE Challenges!

1 Draw a line from the shape to its name:

Pentagon

Hexagon

Quadrilateral

3 How much change from

£1

25p ⟶ **75p**

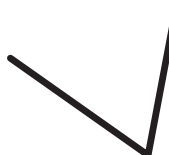**4** Tick the shortest amount of time

1 Minute	10 Seconds	2 Weeks
☐	✓	☐

5

10:20

6 Which is the right angle?

✓

☐

☐

7 Write as a mixed number

$1 \frac{3}{4}$

2 < or >

2L **>** 400ml

2kg **>** 1kg

1m **>** 10cm

8

$\frac{1}{2}$ of 10 = **5**

$\frac{1}{2}$ of 2 = **1**

$\frac{1}{2}$ of 4 = **2**

9

$\frac{1}{5}$ of 40 = **8**

$\frac{1}{10}$ of 40 = **4**

$\frac{1}{2}$ of 20 = **10**
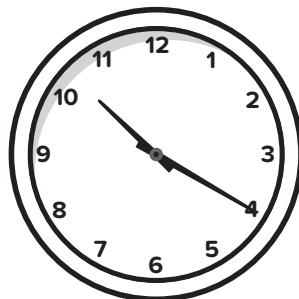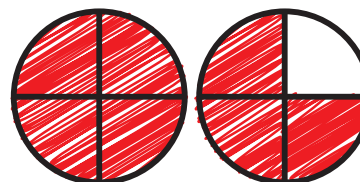
10

$\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$

MY LAST SCORE?! .... HAVE I BEAT THAT?! ....

1 Draw a line from the shape to its name:

Hexagon

Quadrilateral

Pentagon

2 < or >

1cm   **<**   1m

5kg   **>**   5g

20L   **>**   200ml

3 How much change from

£1

34p ⟶ **66p**

4 Tick the longest amount of time

5 Days ☐   3 Weeks ☐   1 Month ✓

5

12:10

6 Which is the right angle?

✓

☐

☐

7 Write as a mixed number

2 3/4
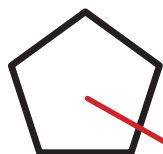
8
$\frac{1}{2}$ of 2 = **1**

$\frac{1}{2}$ of 4 = **2**

$\frac{1}{2}$ of 6 = **3**

9
$\frac{1}{5}$ of 15 = **3**

$\frac{1}{10}$ of 20 = **2**

$\frac{1}{2}$ of 12 = **6**

10
$\frac{3}{4} - \frac{1}{4} = \frac{2}{4}$

MY LAST SCORE?! ....   HAVE I BEAT THAT?! ....

Big BEAT THAT!

Andrell Education Ltd
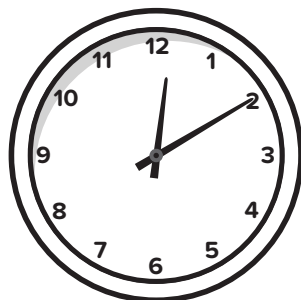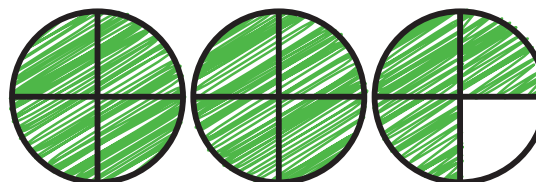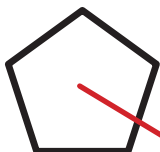
The Big SAFE Challenges!

1 Draw a line from the shape to its name:

Quadrilateral

Hexagon

Pentagon

3 How much change from

£ 1
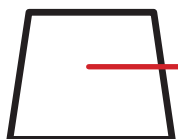
60p → **40p**

4 Tick the longest amount of time

2 Years	100 Seconds	18 Months
✓	☐	☐

6 Which is the right angle?

☐

✓

☐

8
$\frac{1}{2}$ of 10 = **5**

$\frac{1}{2}$ of 8 = **4**

$\frac{1}{2}$ of 2 = **1**

9
$\frac{1}{5}$ of 30 = **6**

$\frac{1}{10}$ of 90 = **9**

$\frac{1}{2}$ of 14 = **7**
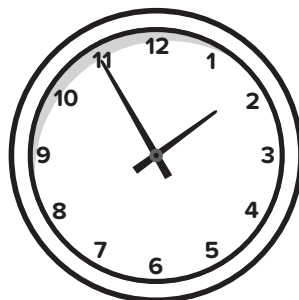
10
$\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$
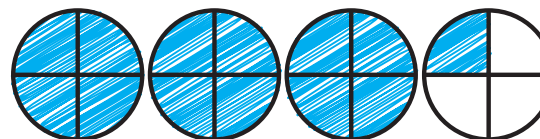
2 < or >

200g **<** 1kg

4L **<** 4500ml

50ml **>** 30ml

5

01:55

7 Write as a mixed number

$3 \frac{1}{4}$

1 Draw a line from the shape to its name:

Hexagon

Quadrilateral

Pentagon

2 < or >

3L **>** 2L

1kg **<** 1700g

20cm **<** 2m

3 How much change from

£1

43p → **57p**

4 Tick the shortest amount of time

3 Months ☐ 30 Minutes ☑ 11 Days ☐

5

08:10

6 Which is the right angle?

☑

☐

☐

7 Write as a mixed number

$1\frac{1}{4}$

8
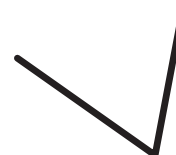
$\frac{1}{2}$ of 4 = **2**

$\frac{1}{2}$ of 10 = **5**

$\frac{1}{2}$ of 6 = **3**

9

$\frac{1}{5}$ of 45 = **9**

$\frac{1}{10}$ of 30 = **3**

$\frac{1}{2}$ of 8 = **4**

10

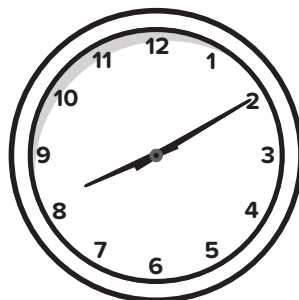$\frac{2}{4} - \frac{1}{4} = \frac{1}{4}$

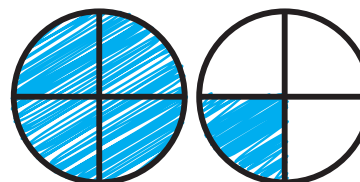MY LAST SCORE?! .... HAVE I BEAT THAT?! ....

BEAT THAT!

The Big SAFE Challenges!