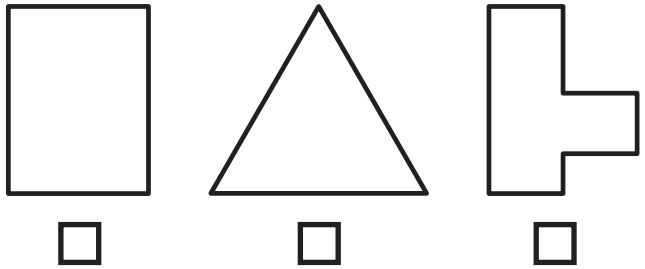
Big Maths Beat That!: Teacher Notes

SAFE Challenge 11			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Shape: Explore & Draw	19	I use my knowledge of symmetry to recognise non-symmetrical shapes
Q2	Shape: 2D Shapes	18	I can identify regular and irregular polygons
Q3	Amounts: Amounts of Distance	12	I know my metre Learn It: 1m = 100cm
Q4	Amounts: Amounts of Distance	13	I know my millimetre Learn It: 1cm = 10mm
Q5	Amounts: Amounts of Mass	12	I know my mass Learn It: 1kg = 1000g
Q6	Amounts: Amounts of Space	12	I know my capacity Learn It: 1L = 1000ml
Q7	Amounts: Amounts of Turn	11	I can recognise acute angles
		12	I can recognise obtuse angles
Q8	Fractions: Fractions: Counting	8	I can record my tenths with decimals too
Q9	Explaining Data: Diagrams & Tables	18	I can use a variety of Venn Diagrams
Q10	Explaining Data: Bar Charts	5	I can explain 1:2 scale bar charts

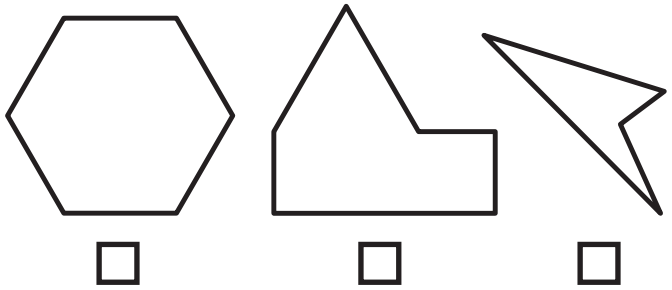
NAME: CLASS: DATE:

SAFE 11 | WK: 1 | /10

1 Tick the shape that is not symmetrical?



2 Which is the regular polygon?



3

1m = _____ cm

$\frac{1}{4}$ m = _____ cm

4

10mm = _____ cm

40mm = _____ cm

5

1kg = _____ g

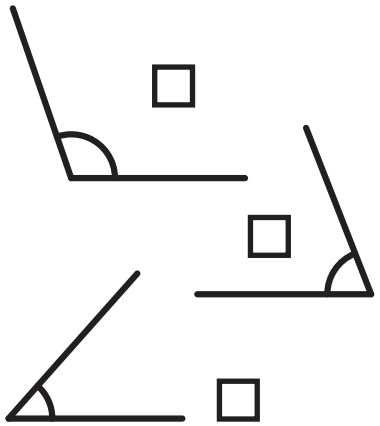
$\frac{1}{2}$ kg = _____ g

6

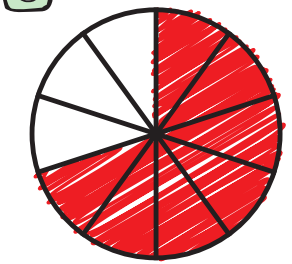
1000ml = _____ L

6000ml = _____ L

7 Tick the obtuse angle?

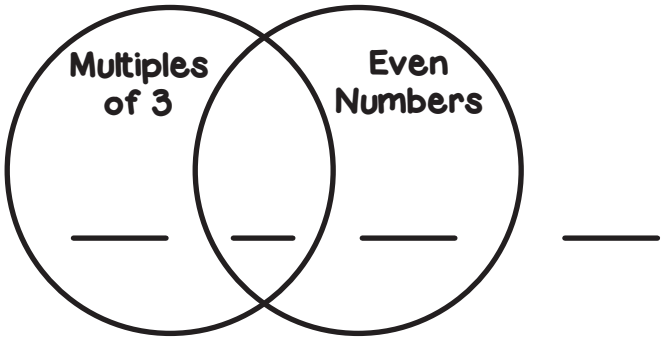


8

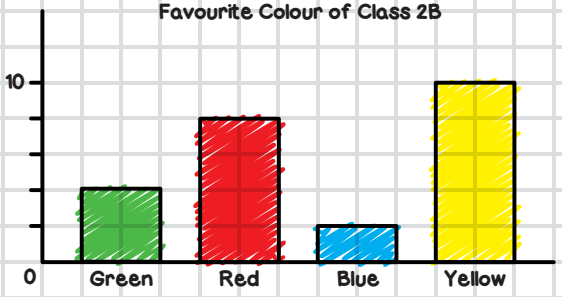


= • = _____ _____ _____

9



10



How many chose red?

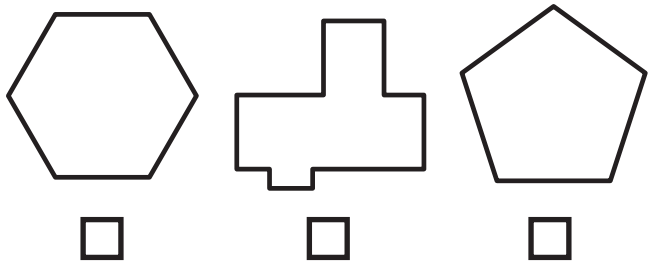
MY LAST SCORE?! ..... HAVE I BEAT THAT?! .....

Andrell Education Ltd

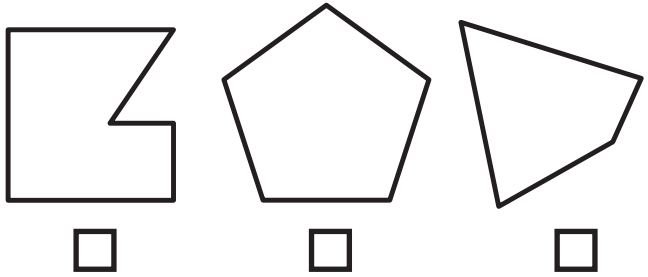
NAME: CLASS: DATE:

SAFE 11 | WK: 2 | /10

1 Tick the shape that is not symmetrical?



2 Which is the regular polygon?



3

1m = _____ cm

$\frac{3}{4}$ m = _____ cm

4

1cm = _____ mm

$\frac{1}{2}$ cm = _____ mm

5

1kg = _____ g

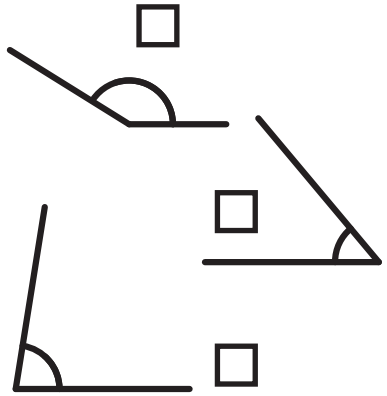
$\frac{1}{4}$ kg = _____ g

6

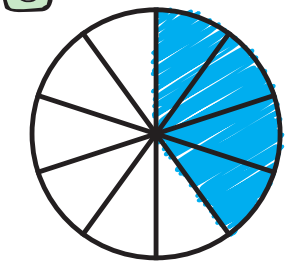
1000ml = _____ L

$\frac{1}{2}$ L = _____ ml

7 Tick the obtuse angle?



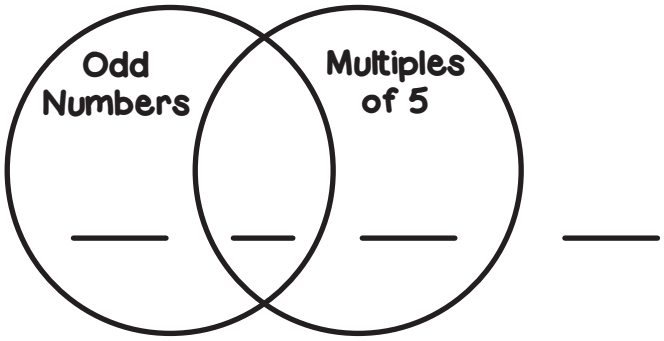
8



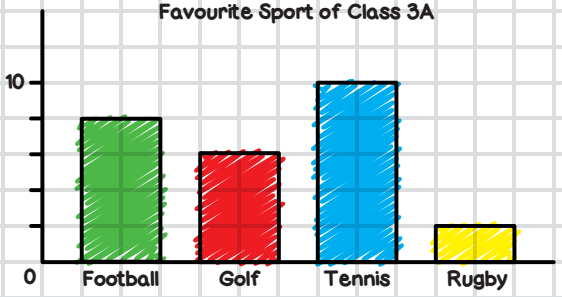
= • = ____

_____ _____

9



10



How many play golf?

MY LAST SCORE?! .....

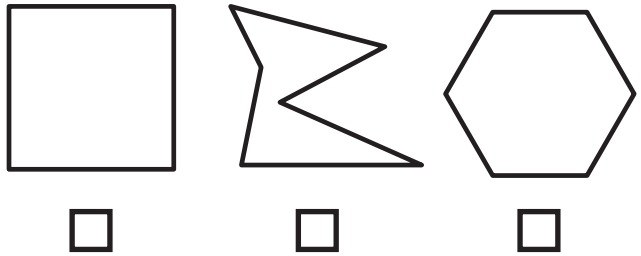
HAVE I BEAT THAT?! .....

Andrell Education Ltd

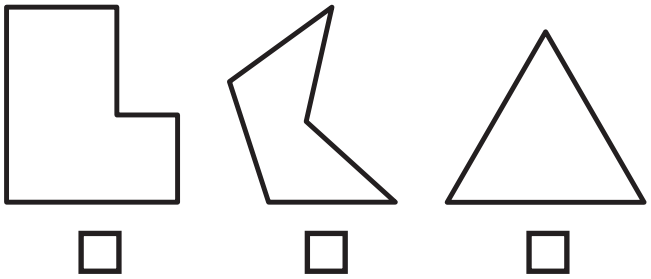
NAME: CLASS: DATE:

SAFE 11 | WK: 3 | /10

1 Tick the shape that is not symmetrical?



2 Which is the regular polygon?



3

100cm = ____ m

300cm = ____ m

4

1cm = ____ mm

30mm = ____ cm

5

1kg = ____ g

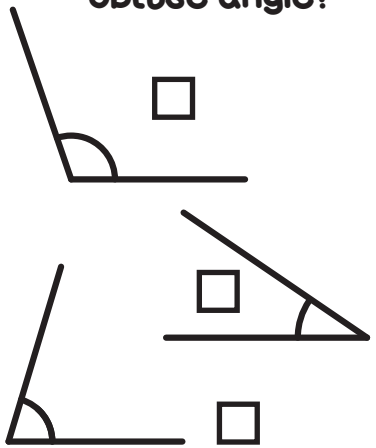
3000g = ____ kg

6

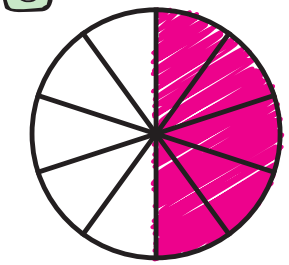
1000ml = ____ L

$\frac{3}{4}$ L = ____ ml

7 Tick the obtuse angle?



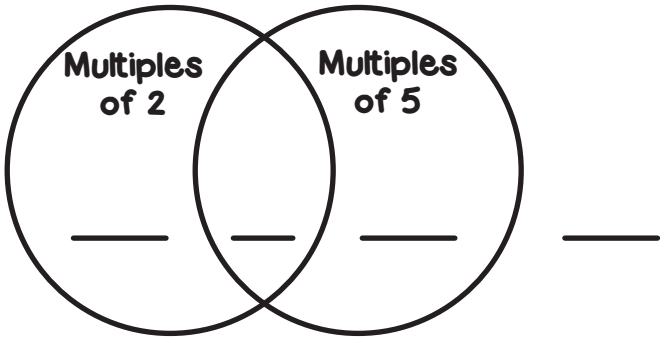
8



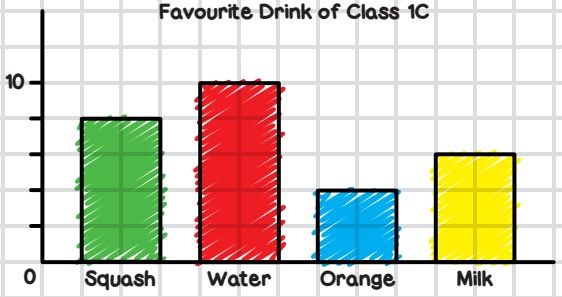
= • = ____

_____ _____

9



10



How many drink milk?

MY LAST SCORE?! .....

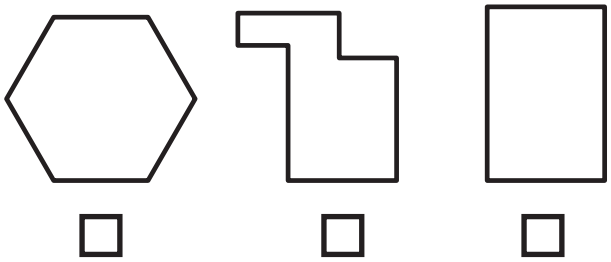
HAVE I BEAT THAT?! .....

Andrell Education Ltd

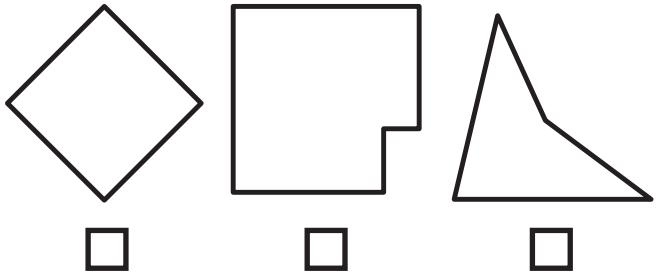
NAME: CLASS: DATE:

SAFE 11 | WK:4 | /10

1 Tick the shape that is not symmetrical?



2 Which is the regular polygon?



3

100cm = ____ m

$\frac{1}{2}$ m = ____ cm

4

1cm = ____ mm

50mm = ____ cm

5

1000g = ____ kg

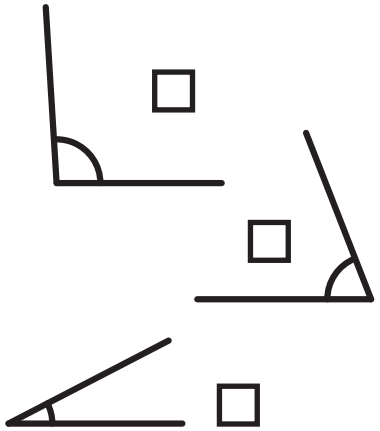
4kg = ____ g

6

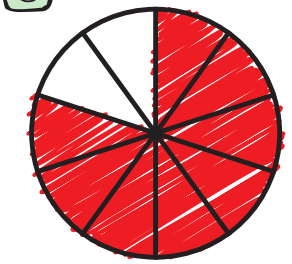
1000ml = ____ L

5000ml = ____ L

7 Tick the obtuse angle?



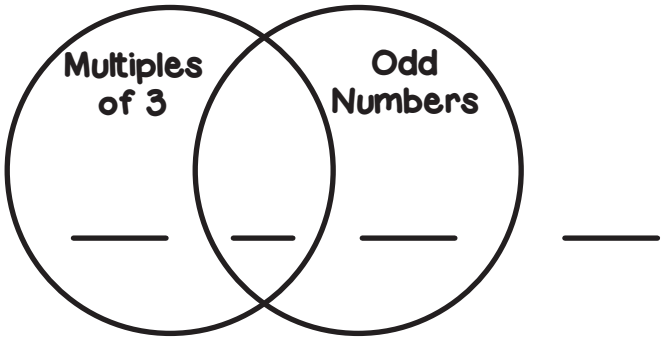
8



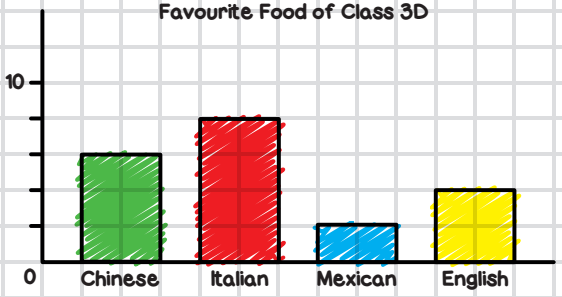
= • = ____

_____ _____

9



10



How many like Italian?

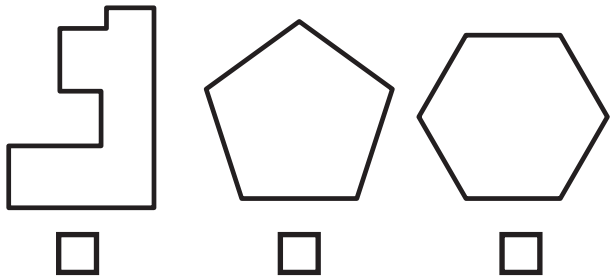
MY LAST SCORE?! ..... HAVE I BEAT THAT?! .....

Andrell Education Ltd

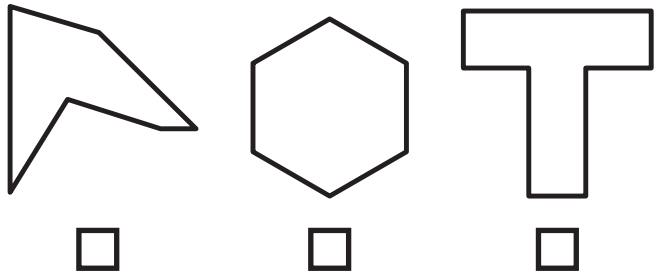
NAME: CLASS: DATE:

SAFE 11 | WK: 5 | /10

1 Tick the shape that is not symmetrical?



2 Which is the regular polygon?



3

100cm = ____ m

$\frac{3}{4}$ m = ____ cm

4

1cm = ____ mm

20mm = ____ cm

5

1kg = ____ g

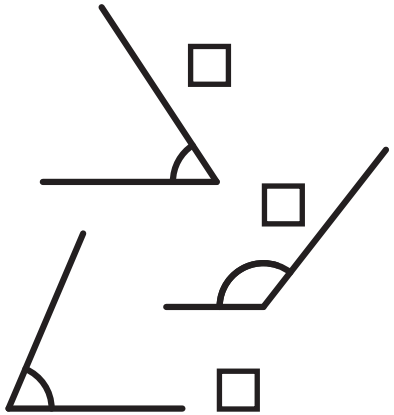
$\frac{3}{4}$ kg = ____ g

6

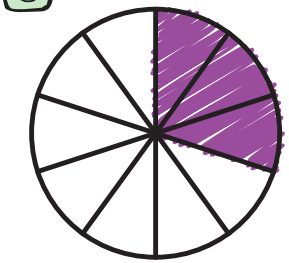
1000ml = ____ L

2000ml = ____ L

7 Tick the obtuse angle?



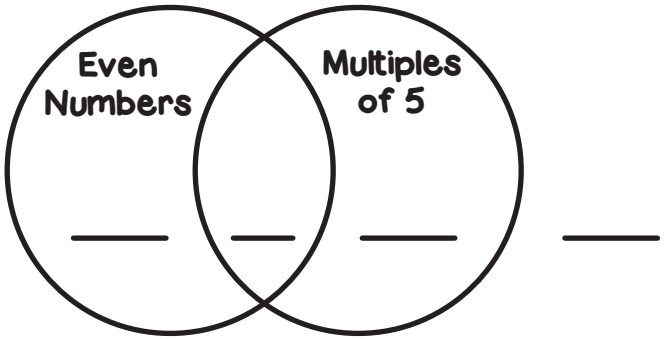
8



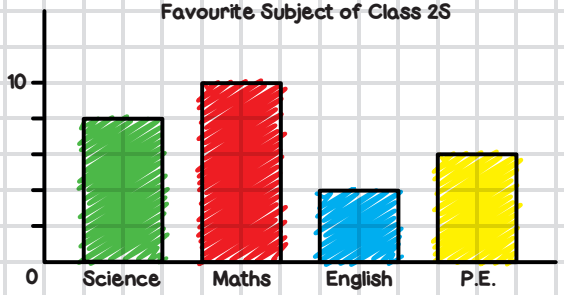
= • = ____

_____ _____

9



10



How many like maths?

MY LAST SCORE?! .....

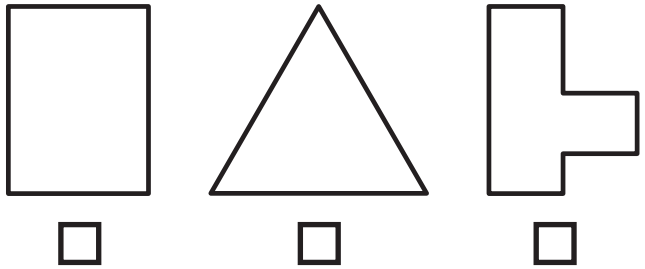
HAVE I BEAT THAT?! .....

Andrell Education Ltd

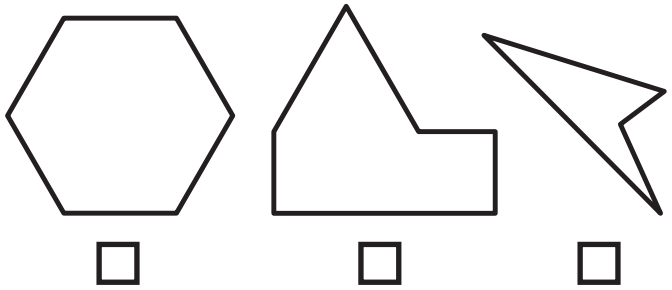
NAME: CLASS: DATE:

SAFE 11 | WK: 6 | /10

1 Tick the shape that is not symmetrical?



2 Which is the regular polygon?



3

1m = ____ cm

3m = ____ cm

4

10mm = ____ cm

70mm = ____ cm

5

1kg = ____ g

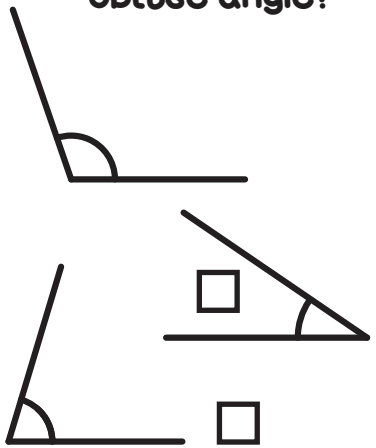
$\frac{1}{2}$ kg = ____ g

6

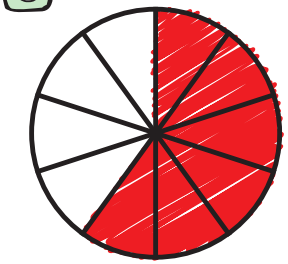
1000ml = ____ L

$\frac{1}{4}$ L = ____ ml

7 Tick the obtuse angle?



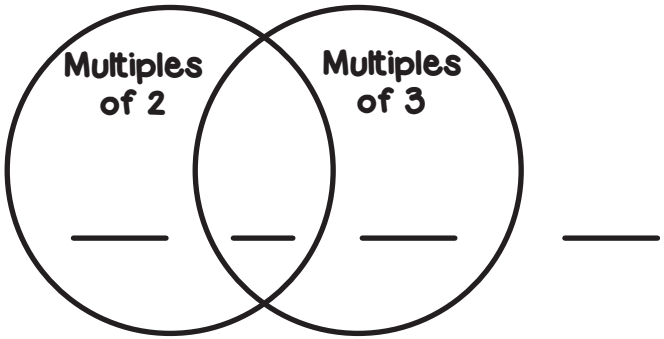
8



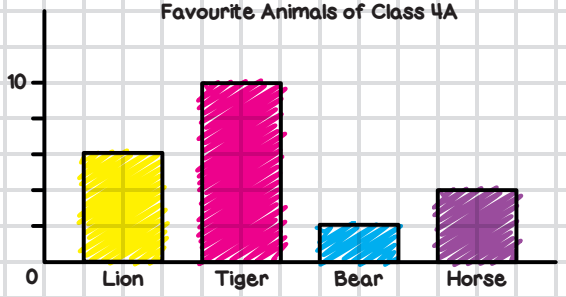
= • = ____

_____ _____

9



10



How many like lions?

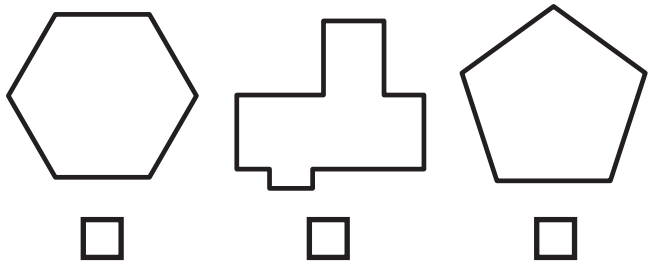
MY LAST SCORE?! ..... HAVE I BEAT THAT?! .....

Andrell Education Ltd

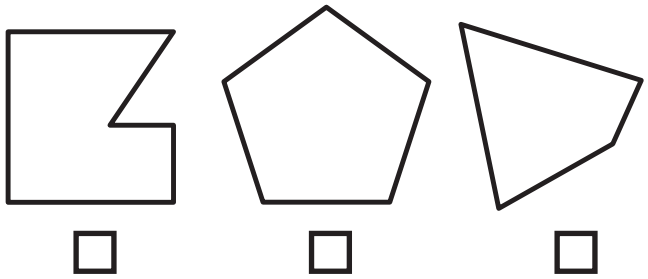
NAME: CLASS: DATE:

SAFE 11 | WK: 7 | /10

1 Tick the shape that is not symmetrical?



2 Which is the regular polygon?



3

1m = ____ cm

200cm = ____ m

4

1cm = ____ mm

40mm = ____ cm

5

1kg = ____ g

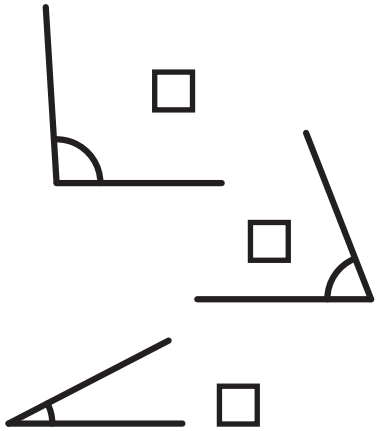
$\frac{3}{4}$ kg = ____ g

6

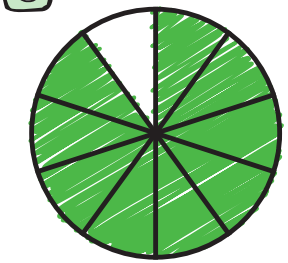
1L = ____ ml

4L = ____ ml

7 Tick the obtuse angle?



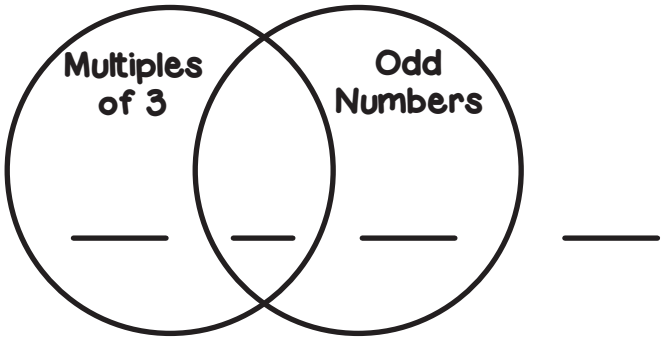
8



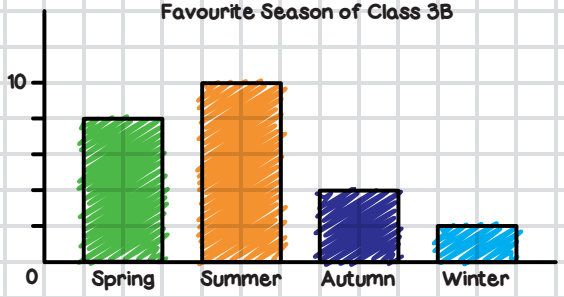
= • = ____

____ ____

9



10



How many like spring?

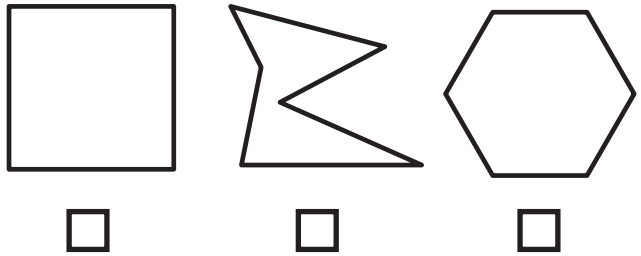
MY LAST SCORE?! ..... HAVE I BEAT THAT?! .....

Andrell Education Ltd

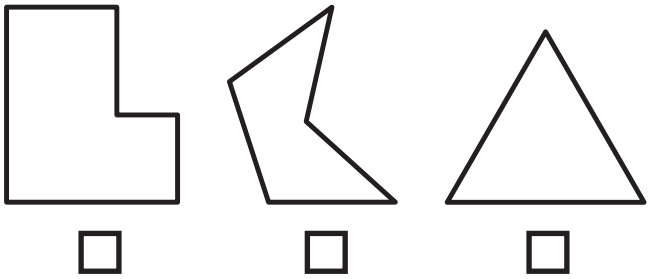
NAME: CLASS: DATE:

SAFE 11 | WK: 8 | /10

1 Tick the shape that is not symmetrical?



2 Which is the regular polygon?



3

1m = ____ cm

$\frac{1}{4}$ kg = ____ g

4

1cm = ____ mm

60mm = ____ cm

5

1kg = ____ g

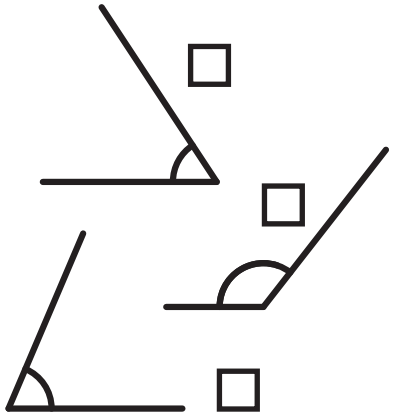
5kg = ____ g

6

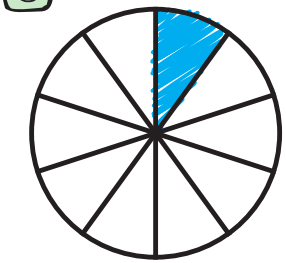
1000ml = ____ L

4L = ____ ml

7 Tick the obtuse angle?



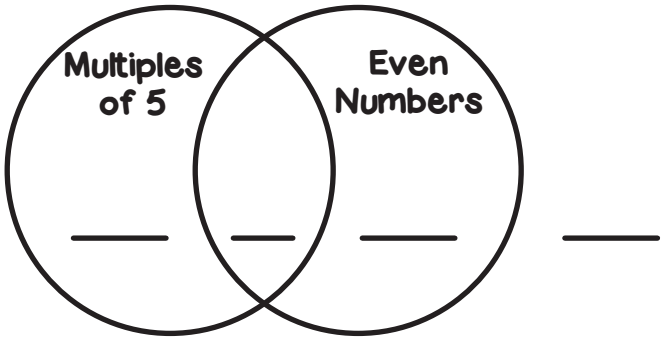
8



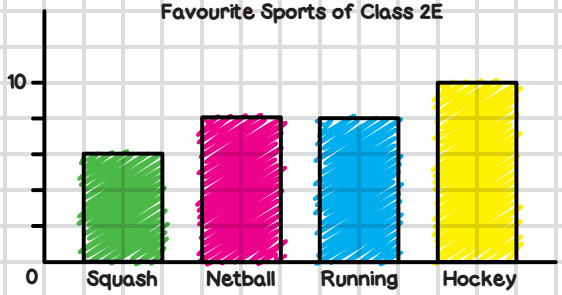
= • = ____

_____ ____

9



10



How many like squash?

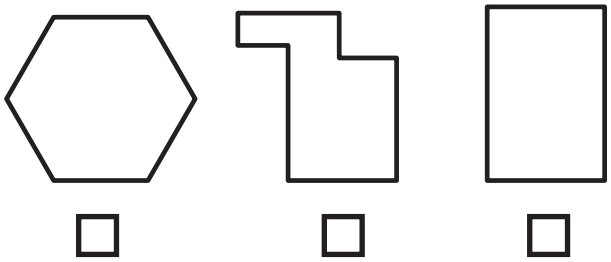
MY LAST SCORE?! ..... HAVE I BEAT THAT?! .....

Andrell Education Ltd

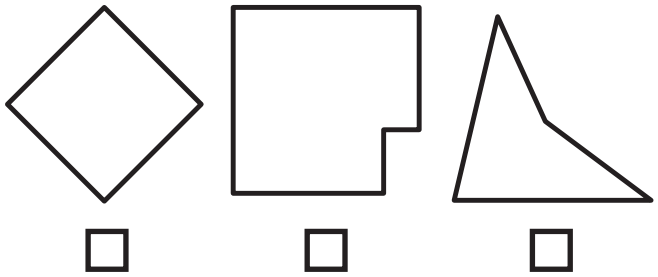
NAME: CLASS: DATE:

SAFE 11 | WK: 9 | /10

1 Tick the shape that is not symmetrical?



2 Which is the regular polygon?



3

100cm = ____ m

$\frac{3}{4}$ kg = ____ g

4

10mm = ____ cm

$\frac{1}{2}$ cm = ____ mm

5

1000g = ____ kg

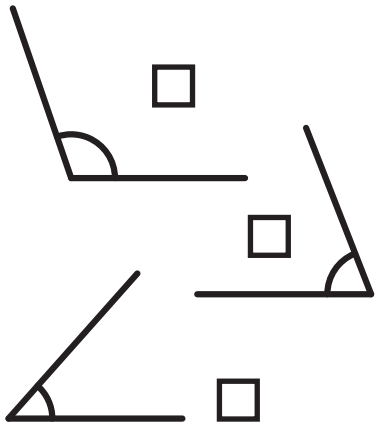
3kg = ____ g

6

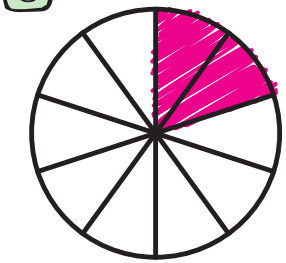
1L = ____ ml

6000ml = ____ L

7 Tick the obtuse angle?



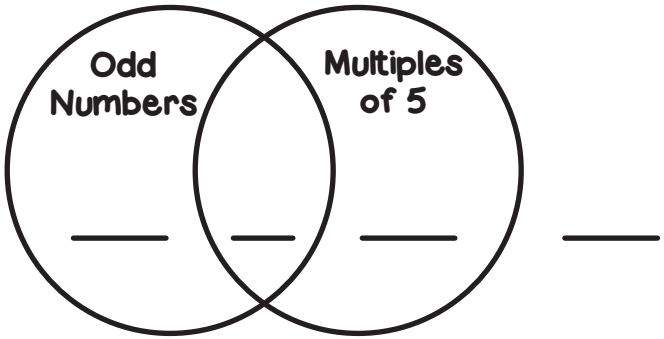
8



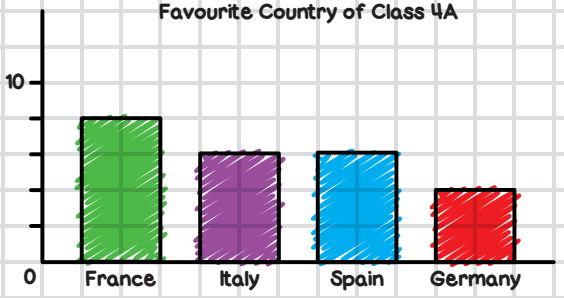
= • = ____

_____ _____

9



10



How many like Germany?

MY LAST SCORE?! .....

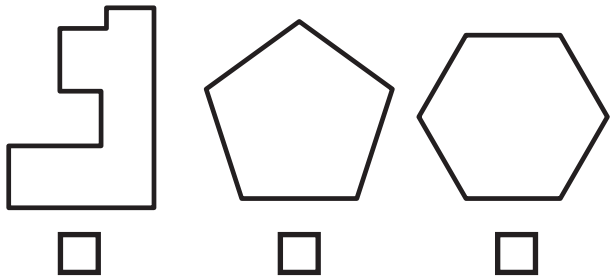
HAVE I BEAT THAT?! .....

Andrell Education Ltd

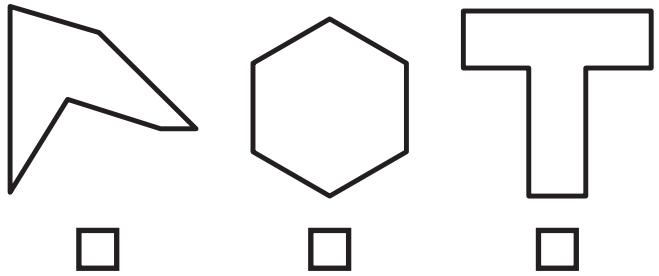
NAME: CLASS: DATE:

SAFE 11 | WK: 10 | /10

1 Tick the shape that is not symmetrical?



2 Which is the regular polygon?



3

1m = ____ cm

700cm = ____ m

4

1cm = ____ mm

90mm = ____ cm

5

1000g = ____ kg

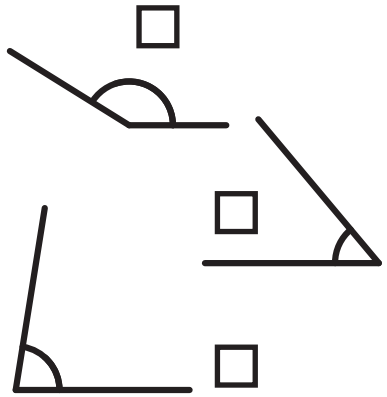
4kg = ____ g

6

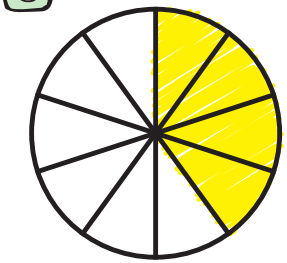
1L = ____ ml

3000ml = ____ L

7 Tick the obtuse angle?



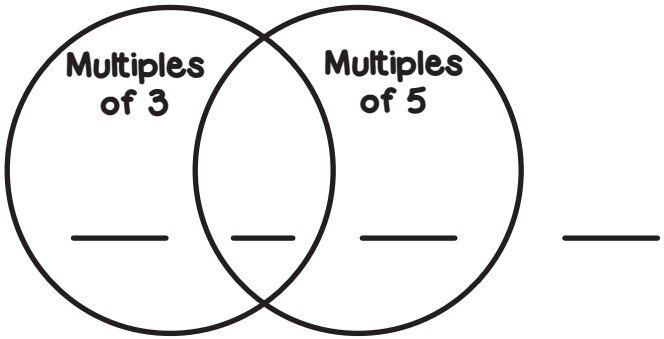
8



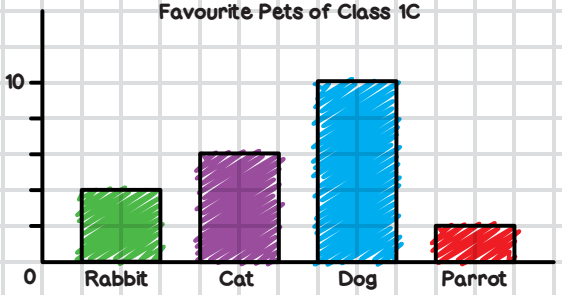
= • = ____

_____ _____

9



10



How many like dogs?

MY LAST SCORE?! .....

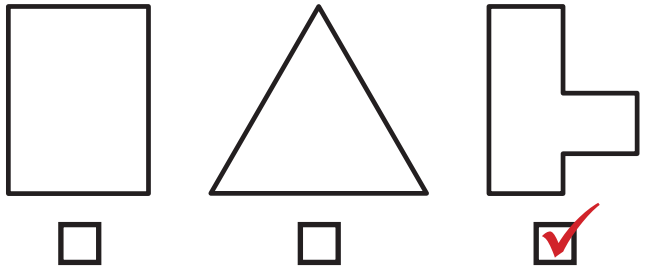
HAVE I BEAT THAT?! .....

Andrell Education Ltd

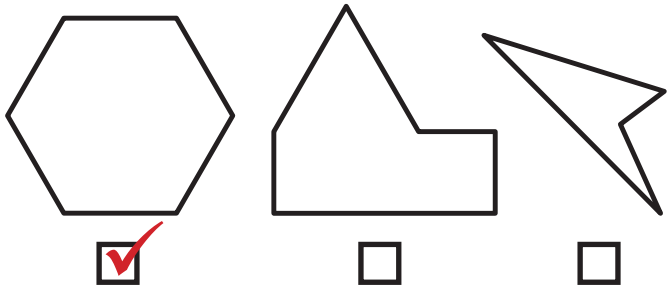
ANSWERS

SAFE 11 | WK: 1 | /10

1 Tick the shape that is not symmetrical?



2 Which is the regular polygon?



3

1m = 100 cm

$\frac{1}{4}$ m = 25 cm

4

10mm = 1 cm

40mm = 4 cm

5

1kg = 1000 g

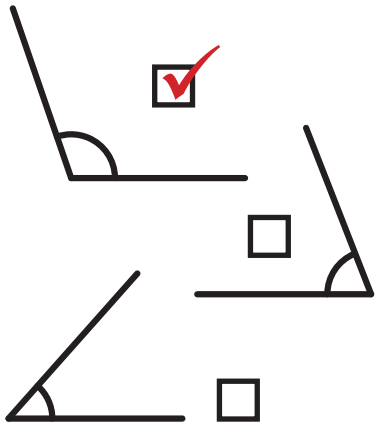
$\frac{1}{2}$ kg = 500 g

6

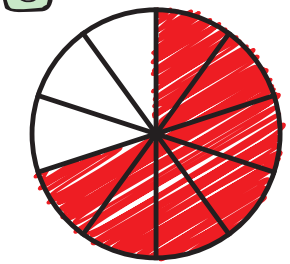
1000ml = 1 L

6000ml = 6 L

7 Tick the obtuse angle?

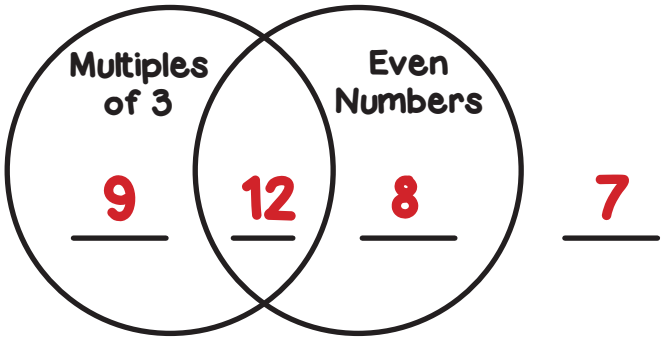


8

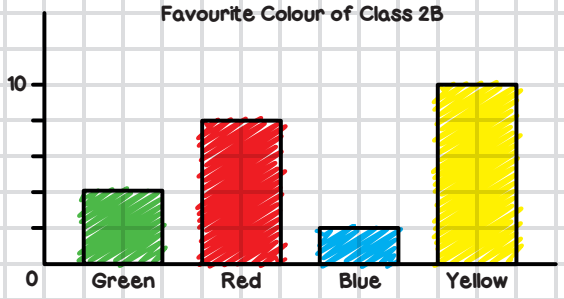


= 0.7 = $\frac{7}{10}$

9



10



How many chose red? 8

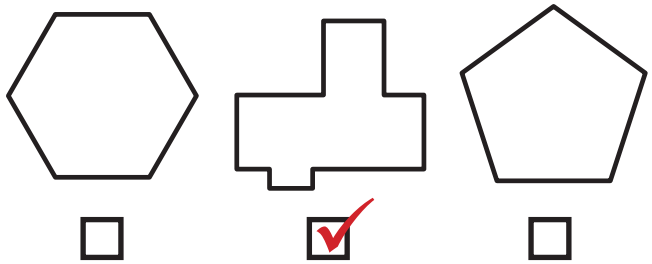
MY LAST SCORE?! ..... HAVE I BEAT THAT?! .....

Andrell Education Ltd

ANSWERS

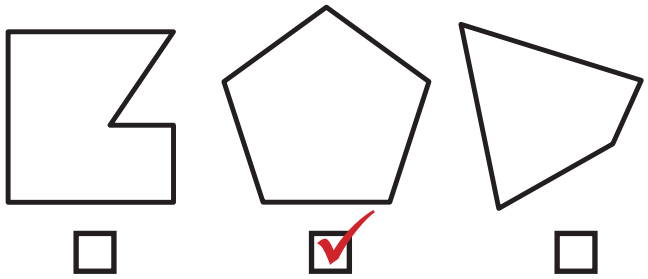
SAFE 11 | WK: 2 | /10

1 Tick the shape that is not symmetrical?



☐ ☑ ☐

2 Which is the regular polygon?



☐ ☑ ☐

3

1m = 100 cm

$\frac{3}{4}$ m = 75 cm

4

1cm = 10 mm

$\frac{1}{2}$ cm = 5 mm

5

1kg = 1000 g

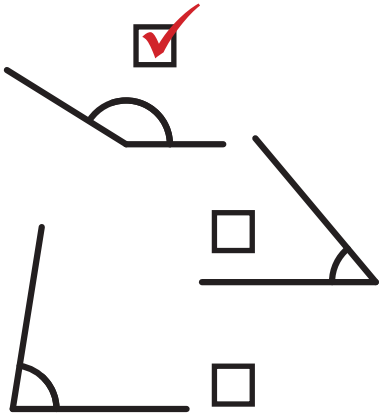
$\frac{1}{4}$ kg = 250 g

6

1000ml = 1 L

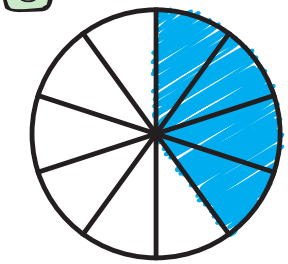
$\frac{1}{2}$ L = 500 ml

7 Tick the obtuse angle?



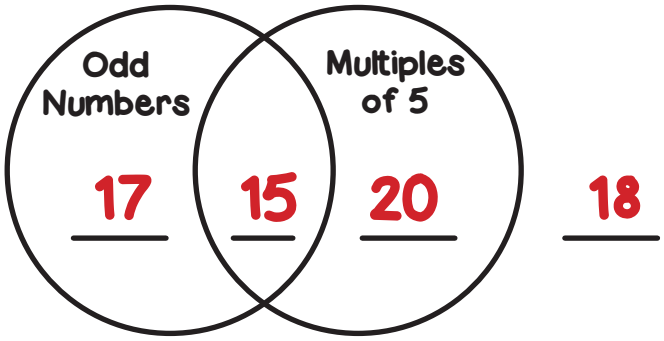
☐ ☑ ☐

8

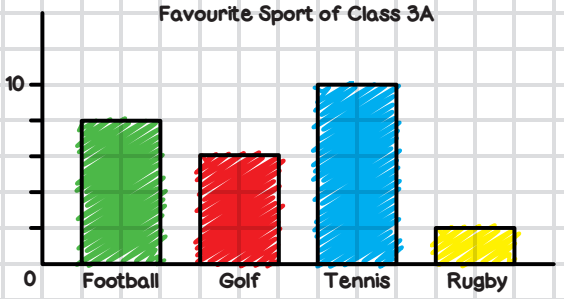


= 0.4 = $\frac{4}{10}$

9



10



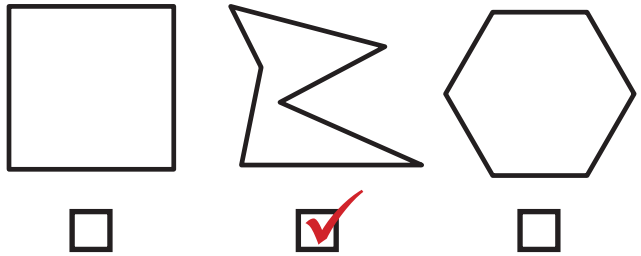
How many play golf? 6

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

Andrell Education Ltd

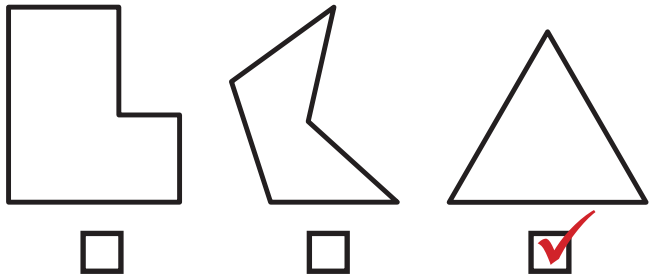
ANSWERS

1 Tick the shape that is not symmetrical?



☐ ☑ ☐

2 Which is the regular polygon?



☐ ☐ ☑

3

100cm = 1 m

300cm = 3 m

4

1cm = 10 mm

30mm = 3 cm

5

1kg = 1000 g

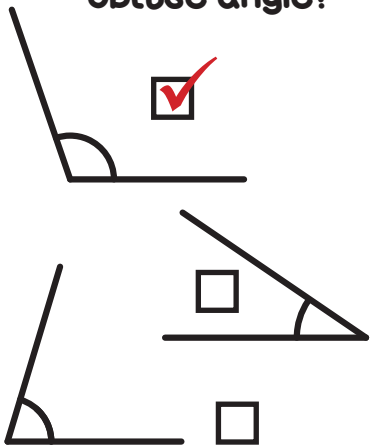
3000g = 3 kg

6

1000ml = 1 L

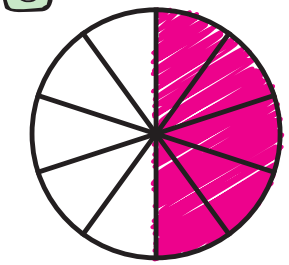
$\frac{3}{4}$ L = 750 ml

7 Tick the obtuse angle?



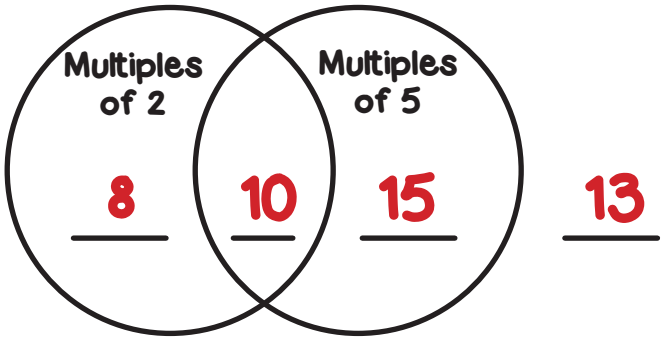
☑ ☐ ☐

8

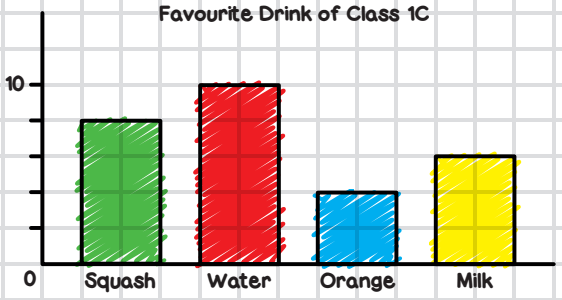


= 0.5 = $\frac{5}{10}$

9



10



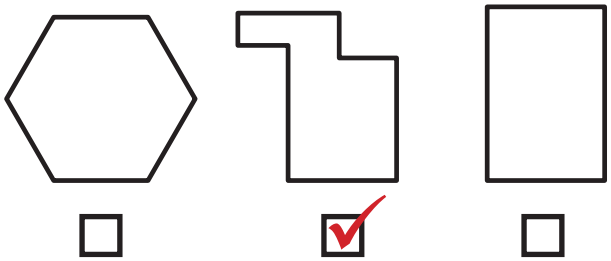
How many drink milk? 6

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

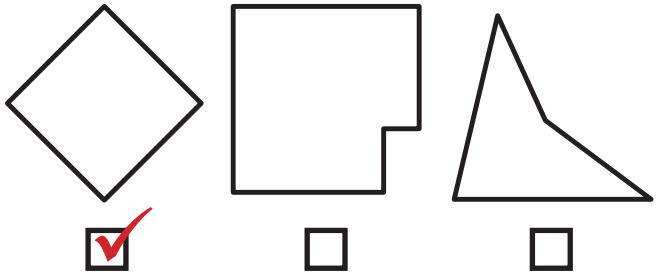
ANSWERS

SAFE 11 | WK:4 | /10

1 Tick the shape that is not symmetrical?



2 Which is the regular polygon?



3

100cm = 1 m

$\frac{1}{2}$ m = 50 cm

4

1cm = 10 mm

50mm = 5 cm

5

1000g = 1 kg

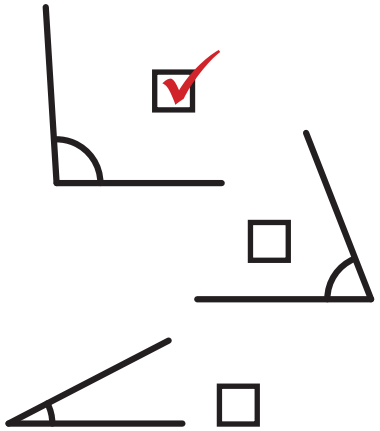
4kg = 4000 g

6

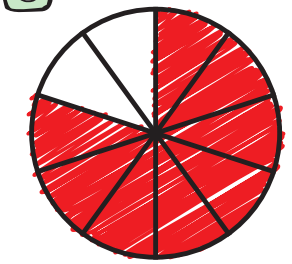
1000ml = 1 L

5000ml = 5 L

7 Tick the obtuse angle?

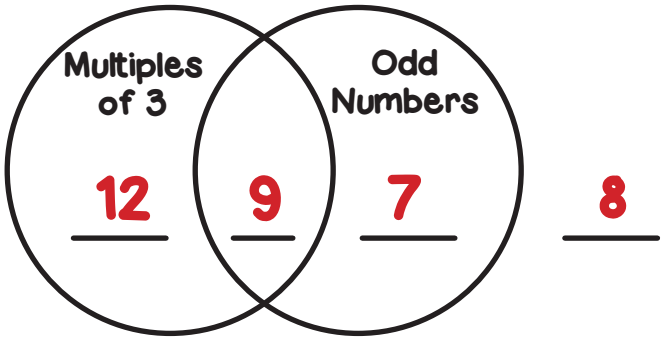


8

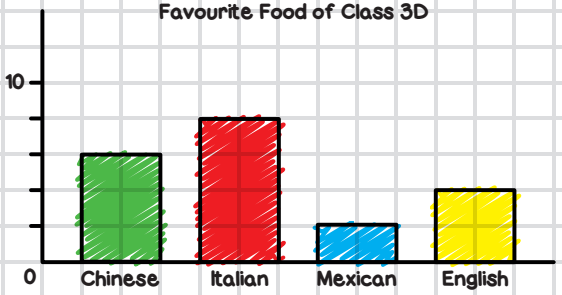


= 0.8 = $\frac{8}{10}$

9



10



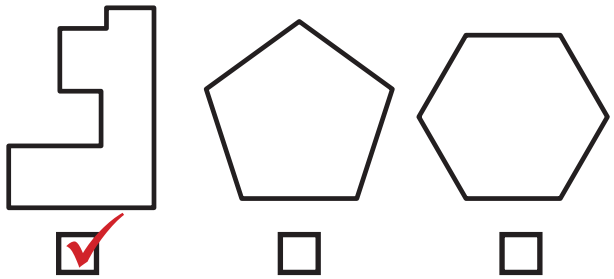
How many like Italian? 8

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

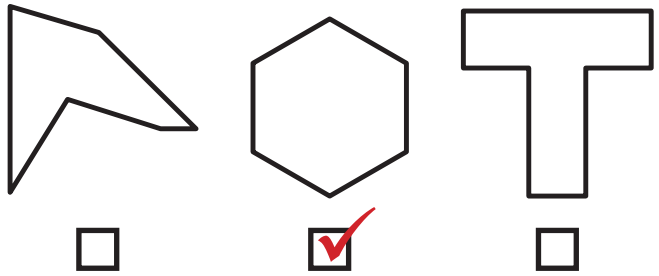
Andrell Education Ltd

ANSWERS

1 Tick the shape that is not symmetrical?



2 Which is the regular polygon?



3

100cm = 1 m

$\frac{3}{4}$ m = 75 cm

4

1cm = 10 mm

20mm = 2 cm

5

1kg = 1000 g

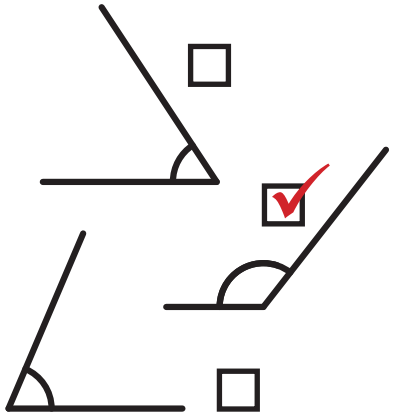
$\frac{3}{4}$ kg = 750 g

6

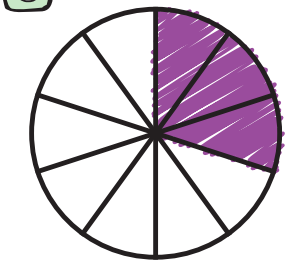
1000ml = 1 L

2000ml = 2 L

7 Tick the obtuse angle?

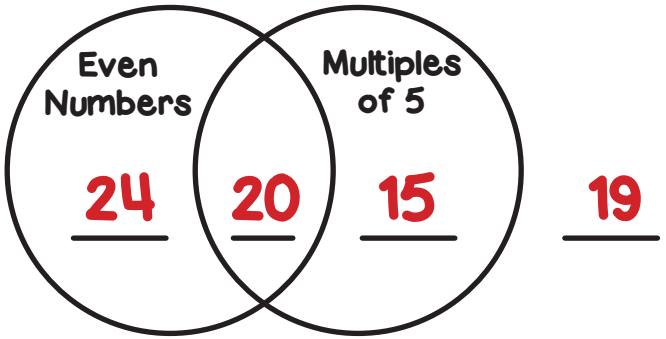


8

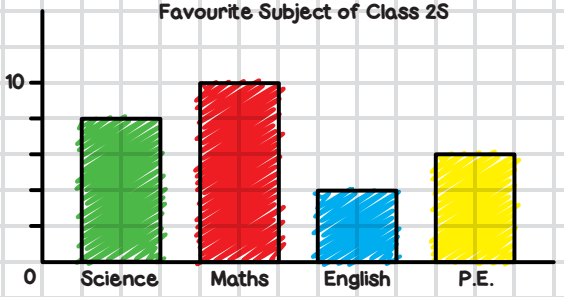


= 0.3 = $\frac{3}{10}$

9



10

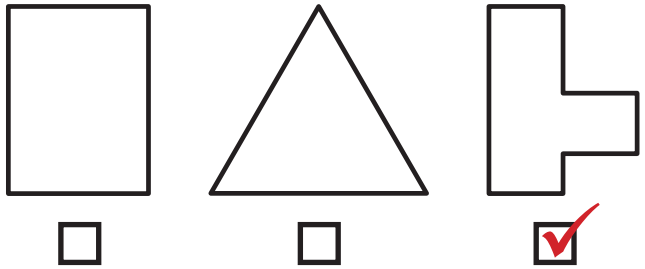


How many like maths? 10

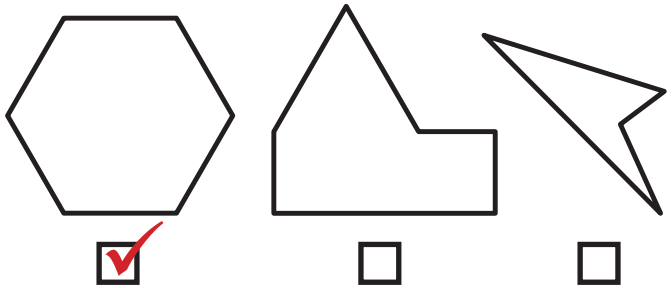
MY LAST SCORE?! ..... HAVE I BEAT THAT?! .....

ANSWERS

1 Tick the shape that is not symmetrical?



2 Which is the regular polygon?



3

1m = 100 cm

3m = 300 cm

4

10mm = 1 cm

70mm = 7 cm

5

1kg = 1000 g

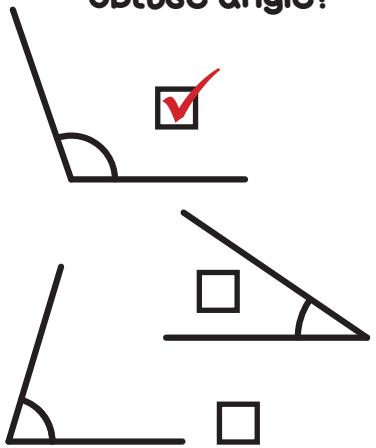
$\frac{1}{2}$ kg = 500 g

6

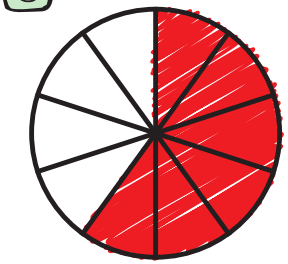
1000ml = 1 L

$\frac{1}{4}$ L = 250 ml

7 Tick the obtuse angle?

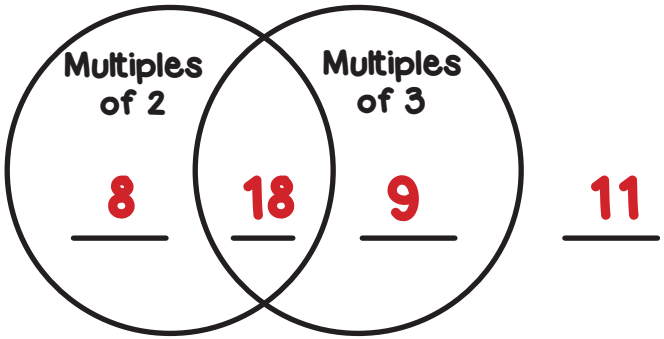


8

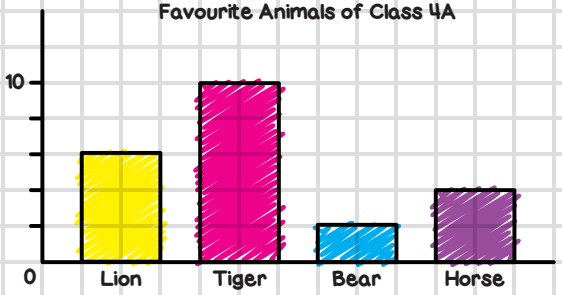


= 0.6 = $\frac{6}{10}$

9



10

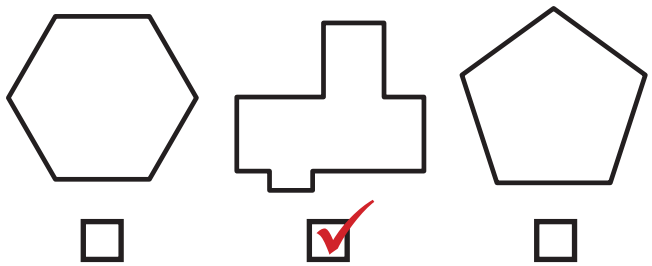


How many like lions? 6

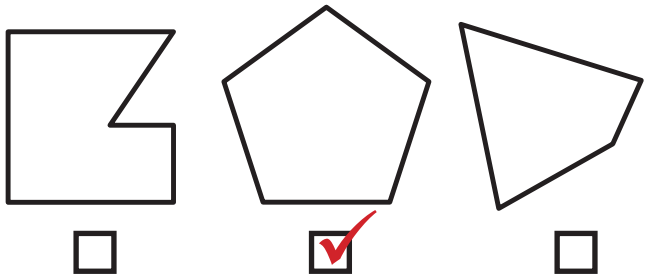
MY LAST SCORE?! ..... HAVE I BEAT THAT?! .....

ANSWERS

1 Tick the shape that is not symmetrical?



2 Which is the regular polygon?



3

1m = 100 cm

200cm = 2 m

4

1cm = 10 mm

40mm = 4 cm

5

1kg = 1000 g

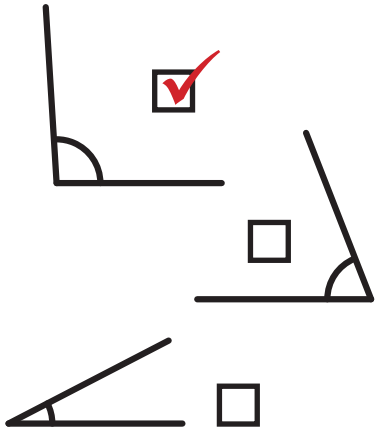
$\frac{3}{4}$ kg = 750 g

6

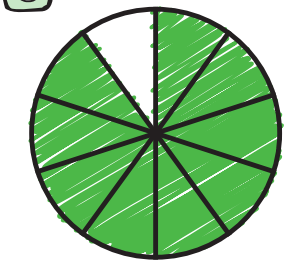
1L = 1000 ml

4L = 4000 ml

7 Tick the obtuse angle?

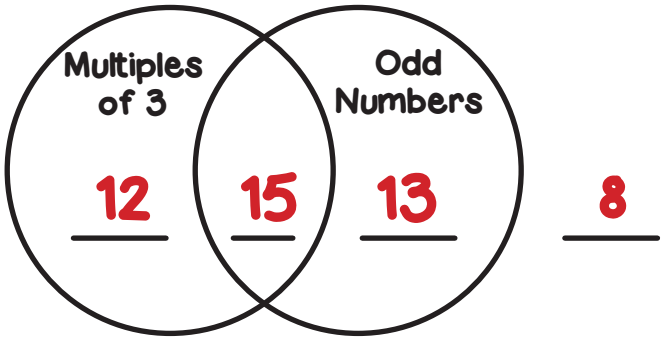


8

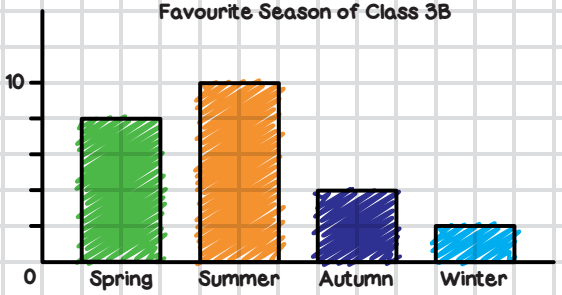


= 0.9 = $\frac{9}{10}$

9



10



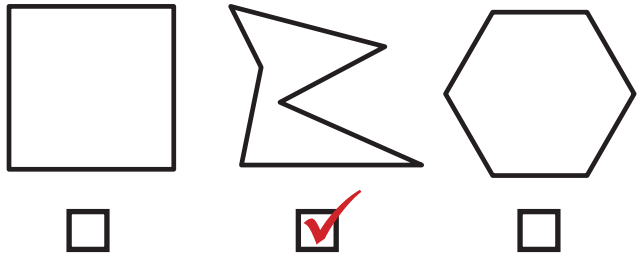
How many like spring? 8

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

ANSWERS

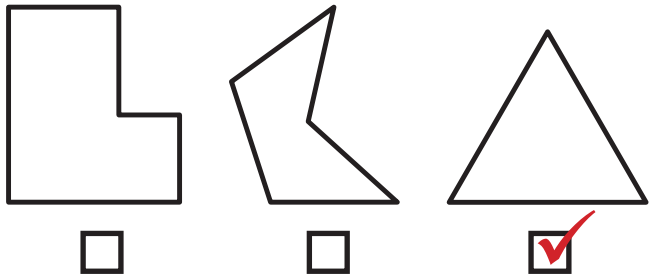
SAFE 11 | WK: 8 | /10

1 Tick the shape that is not symmetrical?



☐ ☑ ☐

2 Which is the regular polygon?



☐ ☐ ☑

3

1m = 100 cm

$\frac{1}{4}$ kg = 250 g

4

1cm = 10 mm

60mm = 6 cm

5

1kg = 1000 g

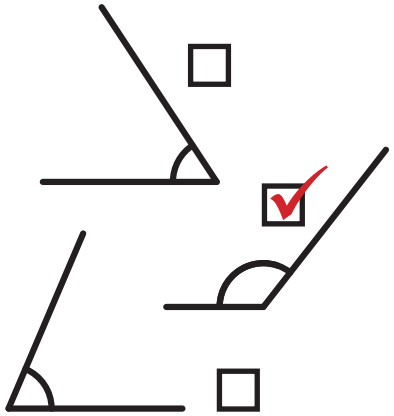
5kg = 5000 g

6

1000ml = 1 L

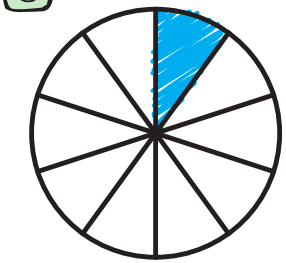
4L = 250 ml

7 Tick the obtuse angle?



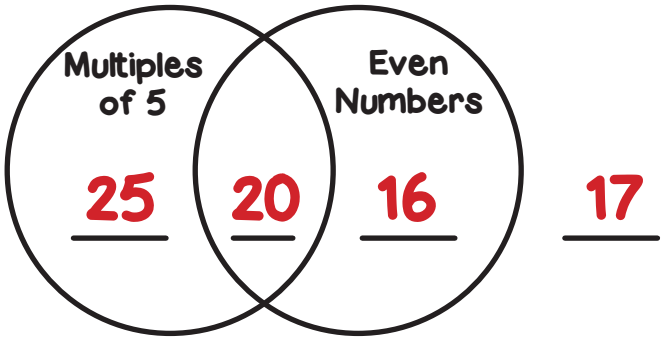
☐ ☑ ☐

8

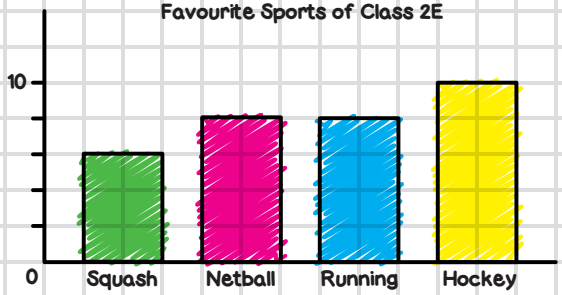


= 0.1 = $\frac{1}{10}$

9



10

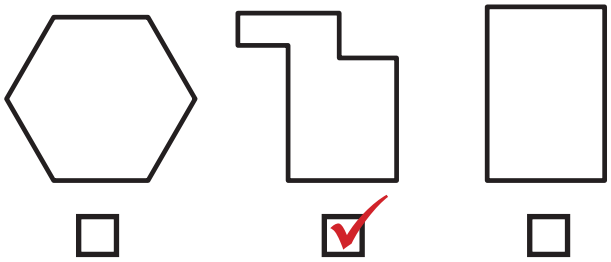


How many like squash? 6

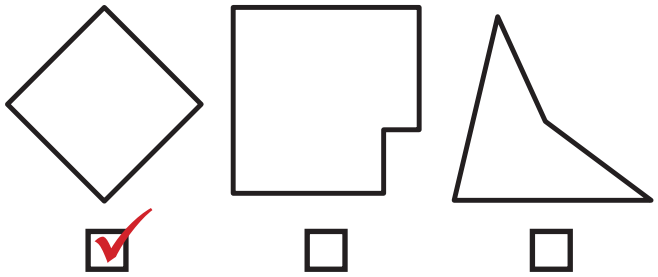
MY LAST SCORE?! ..... HAVE I BEAT THAT?! .....

ANSWERS

1 Tick the shape that is not symmetrical?



2 Which is the regular polygon?



3

100cm = 1 m

$\frac{3}{4}$ kg = 750 g

4

10mm = 1 cm

$\frac{1}{2}$ cm = 5 mm

5

1000g = 1 kg

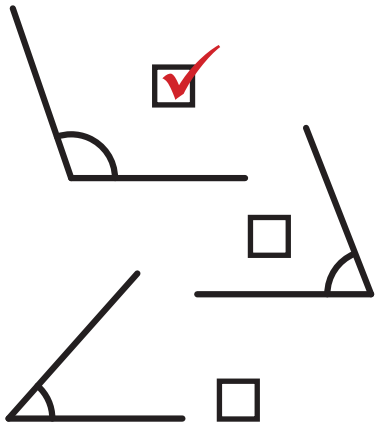
3kg = 3000 g

6

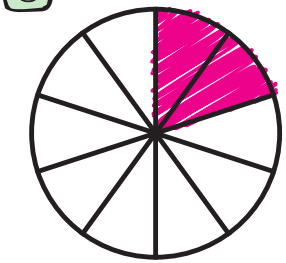
1L = 1000 ml

6000ml = 6 L

7 Tick the obtuse angle?

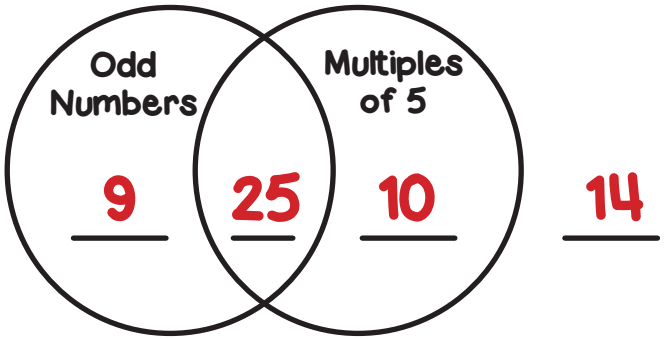


8

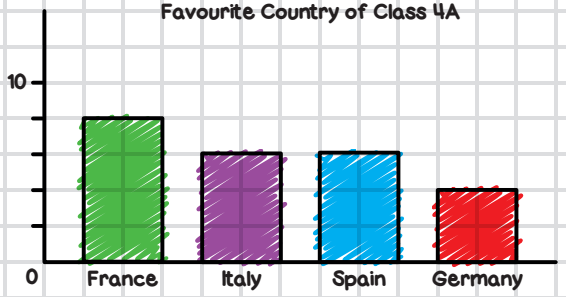


= 0.2 = $\frac{2}{10}$

9



10

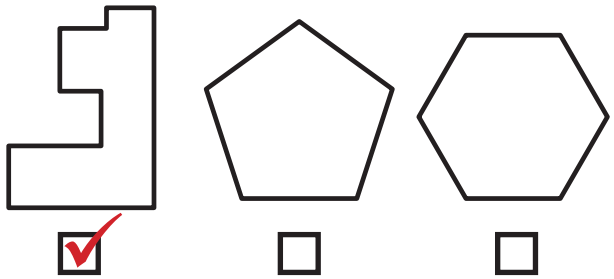


How many like Germany? 4

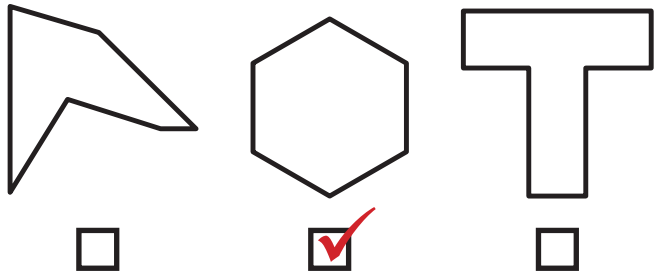
MY LAST SCORE?! ..... HAVE I BEAT THAT?! .....

ANSWERS

1 Tick the shape that is not symmetrical?



2 Which is the regular polygon?



3

1m = 100 cm

700cm = 7 m

4

1cm = 10 mm

90mm = 9 cm

5

1000g = 1 kg

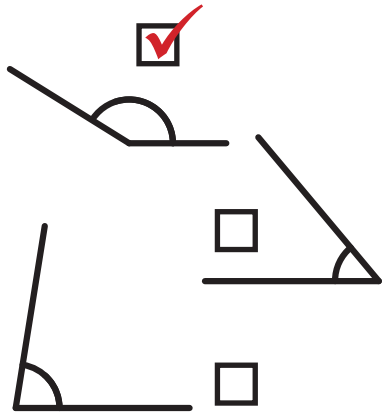
4kg = 4000 g

6

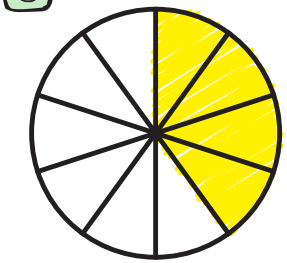
1L = 1000 ml

3000ml = 3 L

7 Tick the obtuse angle?

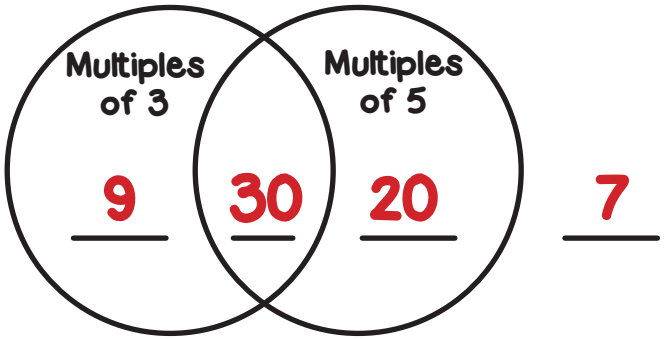


8

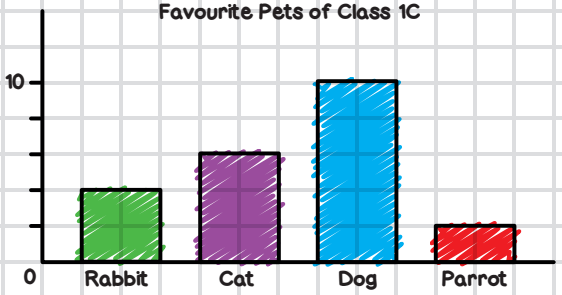


= 0.4 = $\frac{4}{10}$

9



10



How many like dogs? 10

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