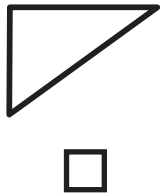


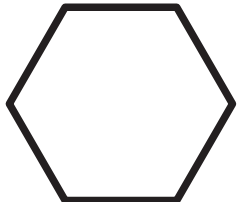
Big Maths Beat That!: Teacher Notes

SAFE Challenge 13			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Shape: 2D Shapes	21	I know 'The Triangle Family'
Q2	Amounts: Amounts of Distance	20	I can find the perimeter in a variety of 2D shapes
Q3	Amounts: Amounts of Mass	16	I can convert kilograms to grams
Q4	Amounts: Amounts of Money	15	I can use decimal notation for money
Q5	Amounts: Amounts of Time	23	I can calculate the number of days
Q6	Amounts: Amounts of Time	24	I can convert periods of time
Q7	Amounts: Amounts of Time: Telling the Time	16	I can convert time from 24-hour clock to analogue
Q8	Fractions: Fractions of a Whole	16	I can use equivalence to find any simple fraction
Q9	Fractions: Fractions: It's Nothing New	5	I can add and subtract fractions with the same denominator (beyond 1)
Q10	Fractions: Fractions: Calculation	4	I can use my calculation skills to add/subtract fractions that make a whole number

1 Tick the isosceles triangle



2 What is the perimeter?



5cm

_____ cm

3

$$4 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

$$4 \frac{1}{2} \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

$$4 \frac{1}{4} \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

4 Use decimal notation to show...

$$£1 \text{ and } 46\text{p} =$$

$$374\text{p} =$$

$$£8 =$$

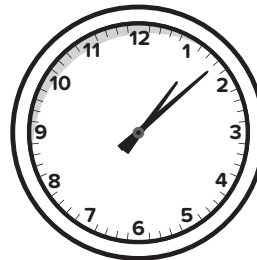
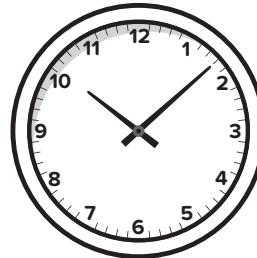
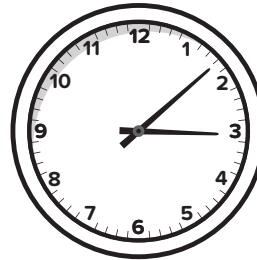
5

How many days from September 5th until October 22nd?

7

Which of these 3 analogue clocks show the equivalent time?

15:08



6

$$4 \text{ hours} = \underline{\hspace{2cm}} \text{ minutes}$$

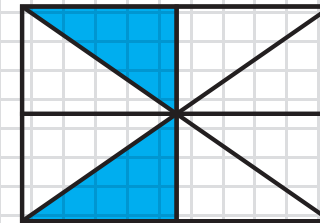
$$3 \text{ minutes} = \underline{\hspace{2cm}} \text{ seconds}$$

$$\underline{\hspace{2cm}} \text{ months} = 5 \text{ years}$$

$$\underline{\hspace{2cm}} \text{ days} = 4 \text{ weeks}$$

8

What fraction of the shape is shaded?



$$\frac{1}{2} \quad \frac{1}{4} \quad \frac{2}{4}$$

9

$$\frac{4}{5} + \frac{3}{5} =$$

10

$$\frac{3}{7} + \underline{\hspace{2cm}} = 1$$

$$1 - \underline{\hspace{2cm}} = \frac{2}{5}$$

$$53 \frac{2}{3} + \underline{\hspace{2cm}} = 60$$

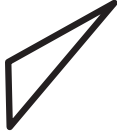
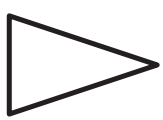


MY LAST SCORE?!

HAVE I BEAT THAT?!

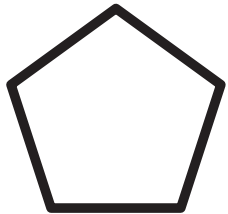
1

Tick the right angled triangle



2

What is the perimeter?



6cm

_____ cm

3

$$2 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

$$2 \frac{1}{4} \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

$$2 \frac{3}{4} \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

4

Use decimal notation to show...

$$£2 \text{ and } 37\text{p} =$$

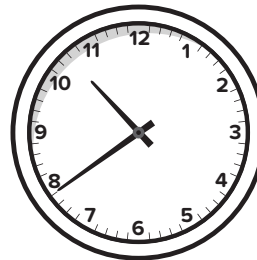
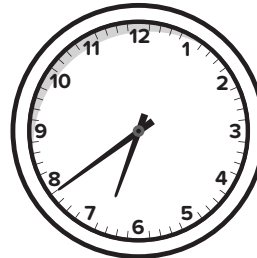
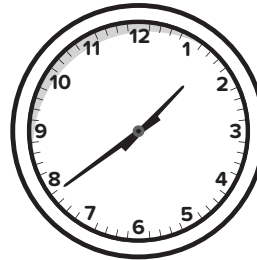
$$253\text{p} =$$

$$£3 =$$

7

Which of these 3 analogue clocks show the equivalent time?

22:39



6

$$6 \text{ hours} = \underline{\hspace{2cm}} \text{ minutes}$$

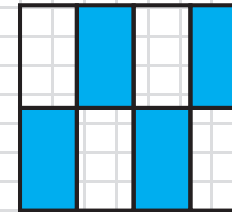
$$9 \text{ minutes} = \underline{\hspace{2cm}} \text{ seconds}$$

$$\underline{\hspace{2cm}} \text{ months} = 3 \text{ years}$$

$$\underline{\hspace{2cm}} \text{ days} = 7 \text{ weeks}$$

8

What fraction of the shape is shaded?



$$\frac{1}{2} \quad \frac{3}{4} \quad \frac{2}{3}$$

9

$$\frac{5}{6} + \frac{4}{6} =$$

10

$$\frac{2}{5} + \underline{\hspace{2cm}} = 1$$

$$1 - \underline{\hspace{2cm}} = \frac{3}{8}$$

$$22 \frac{1}{4} + \underline{\hspace{2cm}} = 30$$

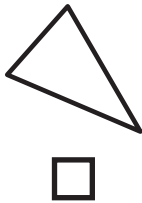


MY LAST SCORE?!

HAVE I BEAT THAT?!

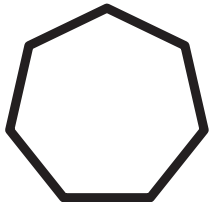
1

Tick the equilateral triangle



2

What is the perimeter?



4cm

_____ cm

3

$$3 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

$$3 \frac{3}{4} \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

$$3 \frac{1}{2} \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

4

Use decimal notation to show...

£9 and 12p =

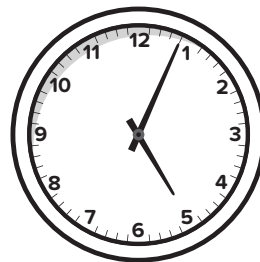
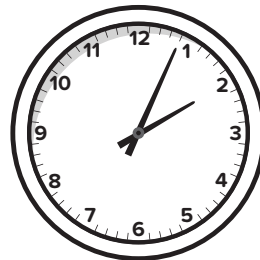
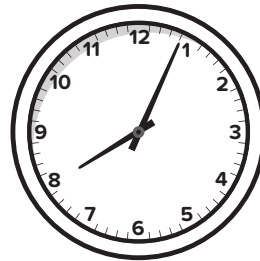
634p =

£1 =

7

Which of these 3 analogue clocks show the equivalent time?

05:04



6

8 hours = _____ minutes

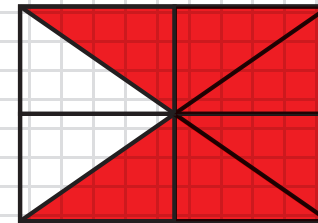
12 minutes = _____ seconds

_____ years = 24 months

_____ weeks = 28 days

8

What fraction of the shape is shaded?



$$\frac{1}{2} \quad \frac{3}{4} \quad \frac{1}{3}$$

9

$$\frac{9}{4} - \frac{6}{4} =$$

10

$$\frac{1}{4} + \underline{\hspace{2cm}} = 1$$

$$1 - \underline{\hspace{2cm}} = \frac{1}{5}$$

$$46 \frac{2}{3} + \underline{\hspace{2cm}} = 50$$

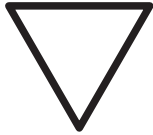
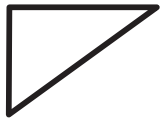


MY LAST SCORE?!

HAVE I BEAT THAT?!

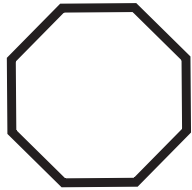
1

Tick the right angled triangle



2

What is the perimeter?



2cm

_____ cm

3

$$7 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

$$7 \frac{1}{2} \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

$$7.5 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

4

Use decimal notation to show...

$$£3 \text{ and } 79\text{p} =$$

$$352\text{p} =$$

$$£7 =$$

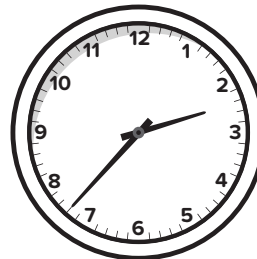
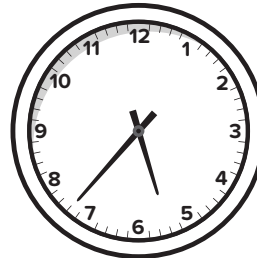
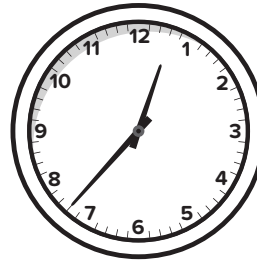
5

How many days from
9th November until
3rd December?

7

Which of these 3
analogue clocks show
the equivalent time?

00:37



6

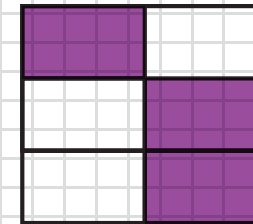
$$5 \text{ hours} = \underline{\hspace{2cm}} \text{ minutes}$$

$$4 \text{ minutes} = \underline{\hspace{2cm}} \text{ seconds}$$

$$\underline{\hspace{2cm}} \text{ months} = 8 \text{ years}$$

$$\underline{\hspace{2cm}} \text{ days} = 2 \text{ weeks}$$

8

What fraction of the shape
is shaded?

$$\frac{2}{3} \quad \frac{1}{2} \quad \frac{1}{3}$$

9

$$\frac{4}{5} + \frac{2}{5} =$$

10

$$\frac{5}{9} + \underline{\hspace{2cm}} = 1$$

$$1 - \underline{\hspace{2cm}} = \frac{2}{6}$$

$$13 \frac{3}{4} + \underline{\hspace{2cm}} = 20$$

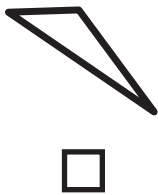


MY LAST SCORE?!

HAVE I BEAT THAT?!

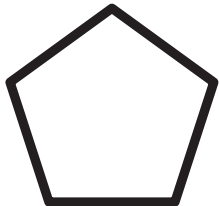
1

Tick the scalene triangle



2

What is the perimeter?



9cm

_____ cm

3

4 kg = _____ g

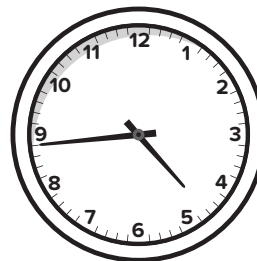
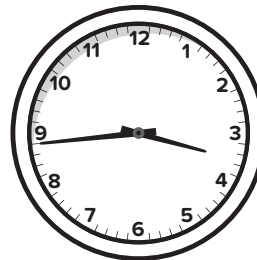
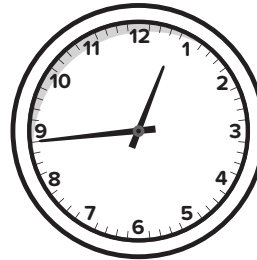
4 $\frac{1}{4}$ kg = _____ g

4.5kg = _____ g

7

Which of these 3 analogue clocks show the equivalent time?

15:44



6

2 hours = _____ minutes

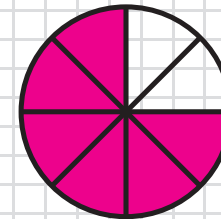
3 minutes = _____ seconds

_____ months = 3 years

_____ days = 6 weeks

8

What fraction of the shape is shaded?


 $\frac{2}{3}$ $\frac{3}{4}$ $\frac{1}{3}$

9

$$\frac{3}{8} + \frac{7}{8} =$$

10

$$\frac{2}{8} + \underline{\hspace{2cm}} = 1$$

$$1 - \underline{\hspace{2cm}} = \frac{4}{7}$$

$$72 \frac{1}{3} + \underline{\hspace{2cm}} = 80$$

4

Use decimal notation to show...

£5 and 87p =

281p =

£4 =

5

How many days from 3rd August until 18th September?

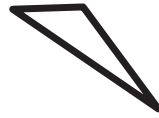
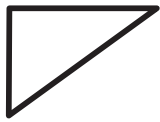
MY LAST SCORE?!

HAVE I BEAT THAT?!



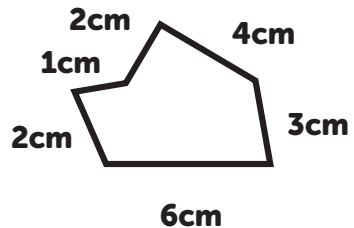
1

Tick the right angled triangle



2

What is the perimeter?



_____ cm

3

$$6 \text{ kg} = \text{_____ g}$$

$$6 \frac{3}{4} \text{ kg} = \text{_____ g}$$

$$6 \frac{1}{2} \text{ kg} = \text{_____ g}$$

4

Use decimal notation to show...

$$£9 \text{ and } 01\text{p} =$$

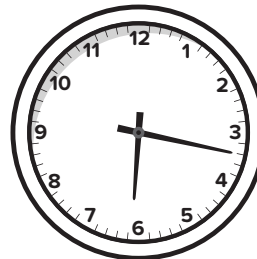
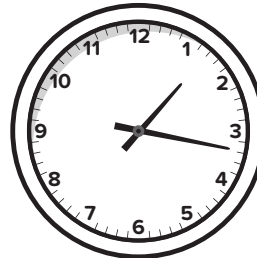
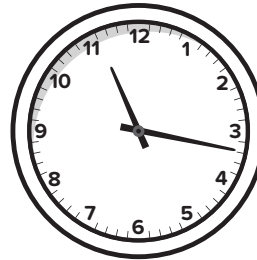
$$741\text{p} =$$

$$£5 =$$

7

Which of these 3 analogue clocks show the equivalent time?

23:17



6

$$5 \text{ hours} = \text{_____ minutes}$$

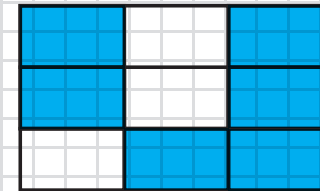
$$14 \text{ minutes} = \text{_____ seconds}$$

$$\text{_____ years} = 24 \text{ months}$$

$$\text{_____ weeks} = 14 \text{ days}$$

8

What fraction of the shape is shaded?



$$\frac{1}{3} \quad \frac{1}{4} \quad \frac{2}{3}$$

9

$$\frac{5}{6} + \frac{3}{6} =$$

10

$$\frac{5}{9} + \text{_____} = 1$$

$$1 - \text{_____} = \frac{4}{6}$$

$$81 \frac{3}{5} + \text{_____} = 90$$

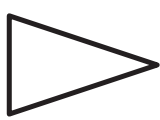


MY LAST SCORE?!

HAVE I BEAT THAT?!

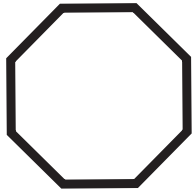
1

Tick the equilateral triangle



2

What is the perimeter?



6cm

_____ cm

3

$$9 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

$$9 \frac{1}{4} \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

$$9 \frac{1}{2} \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

4

Use decimal notation to show...

$$\text{£1 and 42p} =$$

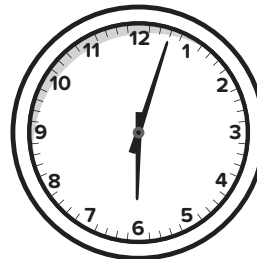
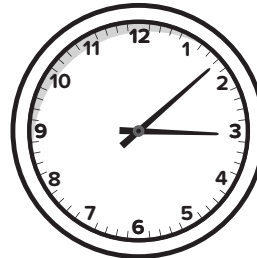
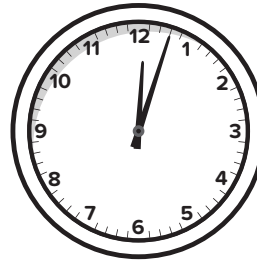
$$213\text{p} =$$

$$\text{£7} =$$

7

Which of these 3 analogue clocks show the equivalent time?

03:08



6

$$6 \text{ hours} = \underline{\hspace{2cm}} \text{ minutes}$$

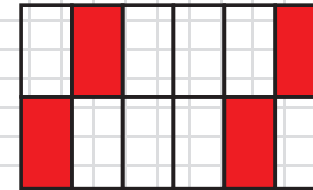
$$7 \text{ minutes} = \underline{\hspace{2cm}} \text{ seconds}$$

$$\underline{\hspace{2cm}} \text{ months} = 5 \text{ years}$$

$$\underline{\hspace{2cm}} \text{ days} = 5 \text{ weeks}$$

8

What fraction of the shape is shaded?



$$\frac{1}{3} \quad \frac{1}{4} \quad \frac{2}{3}$$

9

$$\frac{8}{9} - \frac{4}{9} =$$

10

$$\frac{2}{5} + \underline{\hspace{2cm}} = 1$$

$$1 - \underline{\hspace{2cm}} = \frac{3}{7}$$

$$18 \frac{3}{7} + \underline{\hspace{2cm}} = 20$$

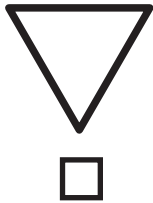


MY LAST SCORE?!

HAVE I BEAT THAT?!

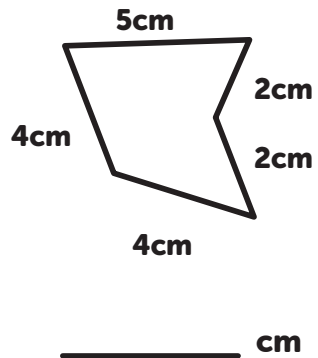
1

Tick the isosceles triangle



2

What is the perimeter?



3

$$3 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

$$3 \frac{1}{2} \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

$$3 \frac{3}{4} \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

4

Use decimal notation to show...

$$£3 \text{ and } 64\text{p} =$$

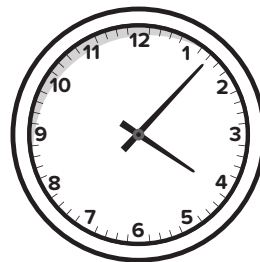
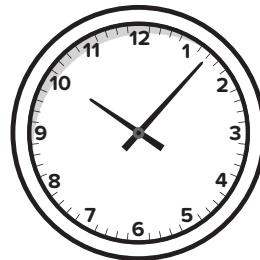
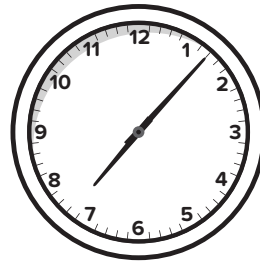
$$471\text{p} =$$

$$£2 =$$

7

Which of these 3 analogue clocks show the equivalent time?

07:07



6

$$3 \text{ hours} = \underline{\hspace{2cm}} \text{ minutes}$$

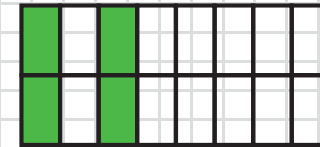
$$8 \text{ minutes} = \underline{\hspace{2cm}} \text{ seconds}$$

$$\underline{\hspace{2cm}} \text{ months} = 2 \text{ years}$$

$$\underline{\hspace{2cm}} \text{ days} = 2 \text{ weeks}$$

8

What fraction of the shape is shaded?



$$\frac{3}{4} \quad \frac{2}{3} \quad \frac{1}{4}$$

9

$$\frac{9}{4} - \frac{6}{4} =$$

10

$$\frac{5}{9} + \underline{\hspace{2cm}} = 1$$

$$1 - \underline{\hspace{2cm}} = \frac{2}{8}$$

$$24 \frac{3}{9} + \underline{\hspace{2cm}} = 30$$

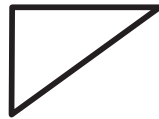
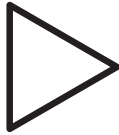


MY LAST SCORE?!

HAVE I BEAT THAT?!

1

Tick the right angled triangle



2

What is the perimeter?



6cm

_____ cm

3

5 kg = _____ g

5.5kg = _____ g

 $5\frac{3}{4}$ kg = _____ g

4

Use decimal notation to show...

£4 and 44p =

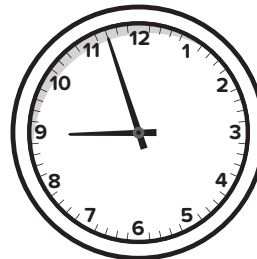
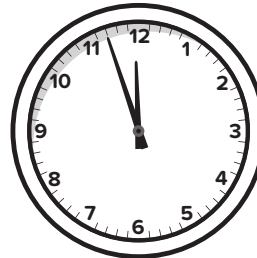
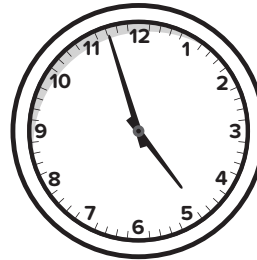
687p =

£6 =

7

Which of these 3 analogue clocks show the equivalent time?

16:57



6

9 hours = _____ minutes

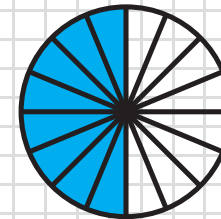
15 minutes = _____ seconds

_____ months = 6 years

_____ days = 9 weeks

8

What fraction of the shape is shaded?


 $\frac{3}{4}$ $\frac{1}{2}$ $\frac{1}{3}$

9

$$\frac{2}{7} + \frac{6}{7} =$$

10

$$\frac{7}{8} + \underline{\hspace{2cm}} = 1$$

$$1 - \underline{\hspace{2cm}} = \frac{4}{9}$$

$$46\frac{2}{5} + \underline{\hspace{2cm}} = 50$$

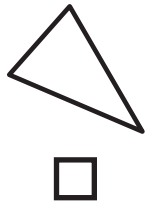


MY LAST SCORE?!

HAVE I BEAT THAT?!

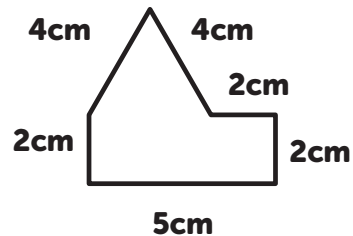
1

Tick the equilateral triangle



2

What is the perimeter?



_____ cm

3

$$7 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

$$7.5 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

$$7 \frac{1}{2} \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

4

Use decimal notation to show...

$$£3 \text{ and } 54\text{p} =$$

$$279\text{p} =$$

$$£2 =$$

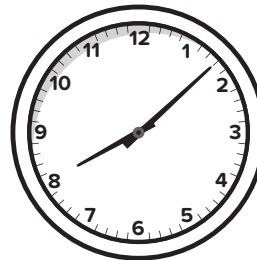
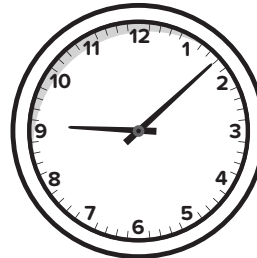
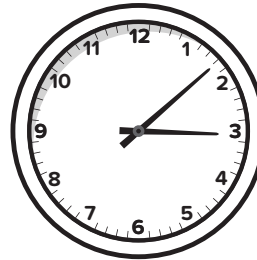
5

How many days from 8th July until 5th August?

7

Which of these 3 analogue clocks show the equivalent time?

21:08



6

$$5 \text{ hours} = \underline{\hspace{2cm}} \text{ minutes}$$

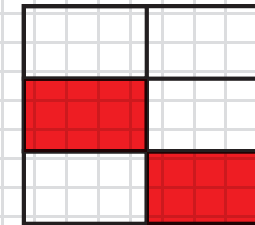
$$12 \text{ minutes} = \underline{\hspace{2cm}} \text{ seconds}$$

$$\underline{\hspace{2cm}} \text{ months} = 3 \text{ years}$$

$$\underline{\hspace{2cm}} \text{ days} = 4 \text{ weeks}$$

8

What fraction of the shape is shaded?



$$\frac{1}{4} \quad \frac{2}{3} \quad \frac{1}{3}$$

9

$$\frac{4}{6} + \frac{4}{6} =$$

10

$$\frac{1}{4} + \underline{\hspace{2cm}} = 1$$

$$1 - \underline{\hspace{2cm}} = \frac{1}{3}$$

$$73 \frac{3}{7} + \underline{\hspace{2cm}} = 80$$



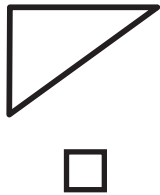
MY LAST SCORE?!

HAVE I BEAT THAT?!

ANSWERS

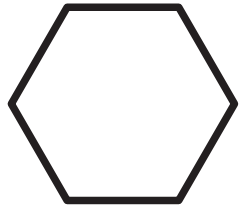
1

Tick the isosceles triangle



2

What is the perimeter?



5cm

30 cm

3

$$4 \text{ kg} = \underline{4000 \text{ g}}$$

$$4 \frac{1}{2} \text{ kg} = \underline{4500 \text{ g}}$$

$$4 \frac{1}{4} \text{ kg} = \underline{4250 \text{ g}}$$

4

Use decimal notation to show...

$$\text{£1 and 46p} = \underline{\text{£1.46}}$$

$$374\text{p} = \underline{\text{£3.74}}$$

$$\text{£8} = \underline{\text{£8.00}}$$

5

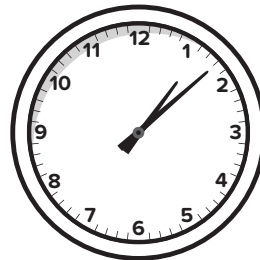
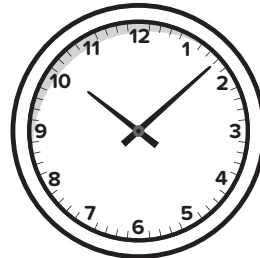
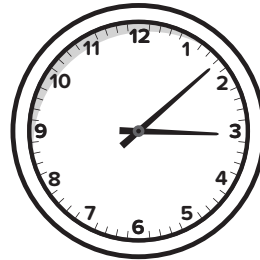
How many days from September 5th until October 22nd?

47 days

7

Which of these 3 analogue clocks show the equivalent time?

15:08



SAFE 13

SET: 1

/10

6

$$4 \text{ hours} = \underline{240} \text{ minutes}$$

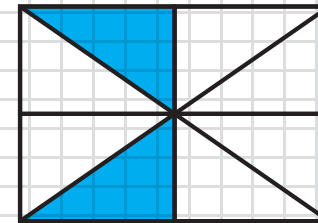
$$3 \text{ minutes} = \underline{180} \text{ seconds}$$

$$\underline{60} \text{ months} = 5 \text{ years}$$

$$\underline{28} \text{ days} = 4 \text{ weeks}$$

8

What fraction of the shape is shaded?



$$\frac{1}{2} \quad \underline{\frac{1}{4}} \quad \frac{2}{4}$$

9

$$\frac{4}{5} + \frac{3}{5} = \underline{\frac{7}{5}}$$

10

$$\frac{3}{7} + \underline{\frac{4}{7}} = 1$$

$$1 - \underline{\frac{3}{5}} = \frac{2}{5}$$

$$53 \frac{2}{3} + \underline{6 \frac{1}{3}} = 60$$



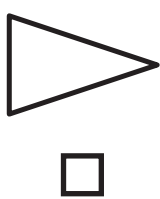
MY LAST SCORE?!

HAVE I BEAT THAT?!

ANSWERS

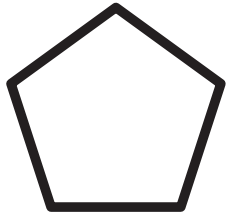
1

Tick the right angled triangle



2

What is the perimeter?



6cm

30 cm

3

2 kg = 2000 g

$2 \frac{1}{4}$ kg = 2250 g

$2 \frac{3}{4}$ kg = 2750 g

4

Use decimal notation to show...

£2 and 37p = **£2.37**

253p = **£2.53**

£3 = **£3.00**

5

Which day is 23 days after 16th April?

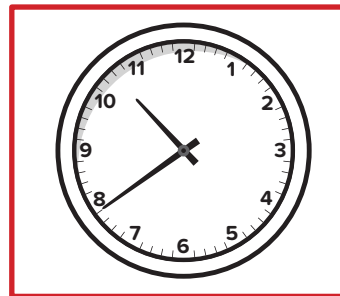
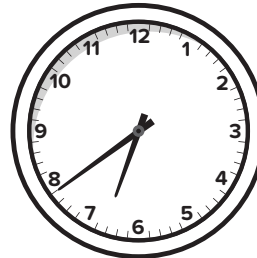
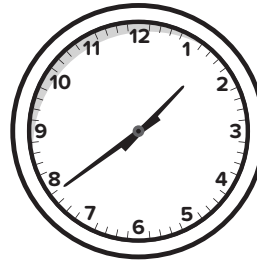
9th May

Day 09 Month 05

7

Which of these 3 analogue clocks show the equivalent time?

22:39



6

6 hours = 360 minutes

9 minutes = 540 seconds

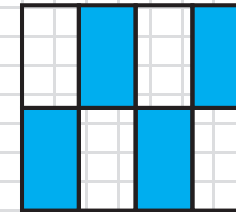
36
49

months = 3 years

days = 7 weeks

8

What fraction of the shape is shaded?



$\frac{1}{2}$ $\frac{3}{4}$ $\frac{2}{3}$

9

$\frac{5}{6} + \frac{4}{6} = \frac{9}{6}$

10

$\frac{2}{5} + \frac{3}{5} = 1$

$1 - \frac{5}{8} = \frac{3}{8}$

$22 \frac{1}{4} + 7 \frac{3}{4} = 30$



MY LAST SCORE?!

HAVE I BEAT THAT?!



ANSWERS

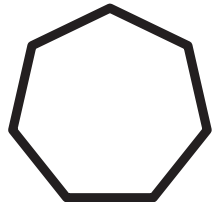
1

Tick the equilateral triangle



2

What is the perimeter?



4cm

28 cm

4

Use decimal notation to show...

£9 and 12p = **£9.12**

634p = **£6.34**

£1 = **£1.00**

3

3 kg = **3000** g

$3 \frac{3}{4}$ kg = **3750** g

$3 \frac{1}{2}$ kg = **3500** g

5

Which day is 36 days before 11th June?

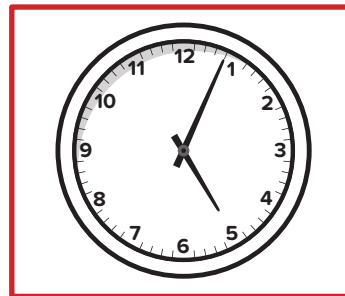
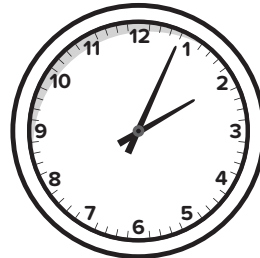
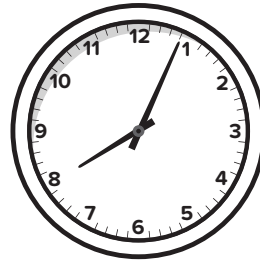
6th May

Day 06 Month 05

7

Which of these 3 analogue clocks show the equivalent time?

05:04



6

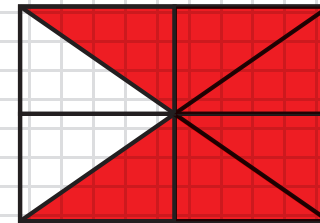
8 hours = **480** minutes

12 minutes = **720** seconds

2 years = 24 months
4 weeks = 28 days

8

What fraction of the shape is shaded?



$\frac{1}{2}$ **$\frac{3}{4}$** $\frac{1}{3}$

9

$\frac{9}{4} - \frac{6}{4} = \frac{3}{4}$

10

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

$1 - \frac{4}{5} = \frac{1}{5}$

$46 \frac{2}{3} + 3 \frac{1}{3} = 50$



MY LAST SCORE?!

HAVE I BEAT THAT?!

ANSWERS

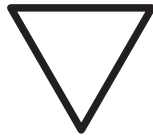
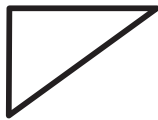
SAFE 13

SET: 4

/10

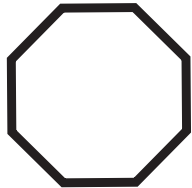
1

Tick the right angled triangle



2

What is the perimeter?



2cm

16 cm

3

7 kg = 7000 g

$7\frac{1}{2}$ kg = 7500 g

7.5kg = 7500 g

4

Use decimal notation to show...

£3 and 79p = **£3.79**

352p = **£3.52**

£7 = **£7.00**

5

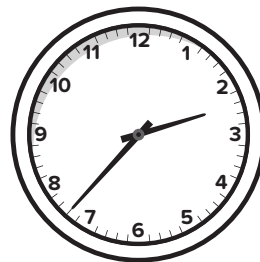
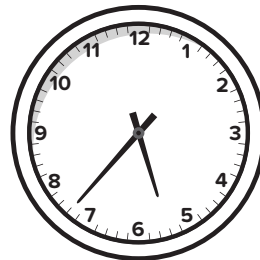
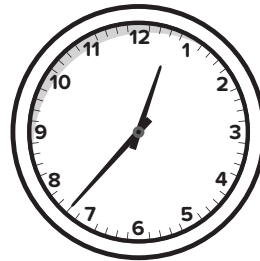
How many days from
9th November until
3rd December?

24 days

7

Which of these 3
analogue clocks show
the equivalent time?

00:37



6

5 hours = 300 minutes

4 minutes = 240 seconds

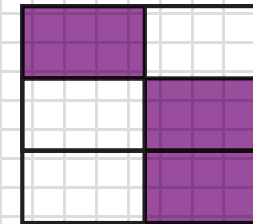
96
14

months = 8 years

days = 2 weeks

8

What fraction of the shape
is shaded?



$\frac{2}{3}$ **$\frac{1}{2}$** $\frac{1}{3}$

9

$\frac{4}{5} + \frac{2}{5} = \frac{6}{5}$

10

$\frac{5}{9} + \frac{4}{9} = 1$

$1 - \frac{4}{6} = \frac{2}{6}$

$13\frac{3}{4} + 6\frac{1}{4} = 20$



MY LAST SCORE?!

HAVE I BEAT THAT?!



ANSWERS

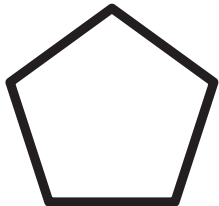
1

Tick the scalene triangle



2

What is the perimeter?



9cm

45 cm

3

4 kg = **4000** g

$4\frac{1}{4}$ kg = **4250** g

4.5kg = **4500** g

4

Use decimal notation to show...

£5 and 87p = **£5.87**

281p = **£2.81**

£4 = **£4.00**

5

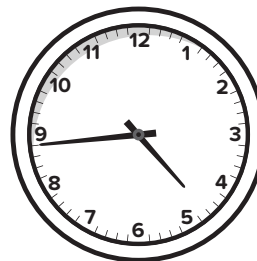
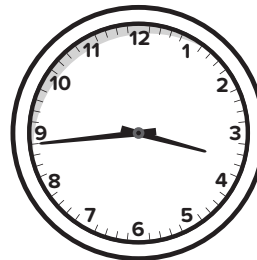
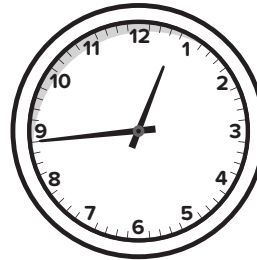
How many days from 3rd August until 18th September?

46 days

7

Which of these 3 analogue clocks show the equivalent time?

15:44



SAFE 13

SET: 5

/10

6

2 hours = **120** minutes

3 minutes = **180** seconds

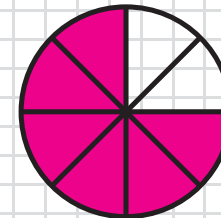
36
42

months = 3 years

days = 6 weeks

8

What fraction of the shape is shaded?



$\frac{2}{3}$ **$\frac{3}{4}$** $\frac{1}{3}$

9

$\frac{3}{8} + \frac{7}{8} = \frac{10}{8}$

10

$\frac{2}{8} + \frac{6}{8} = 1$

$1 - \frac{3}{7} = \frac{4}{7}$

$72\frac{1}{3} + 7\frac{2}{3} = 80$



MY LAST SCORE?!

HAVE I BEAT THAT?!

ANSWERS

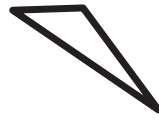
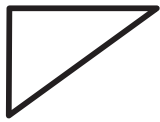
SAFE 13

SET: 6

/10

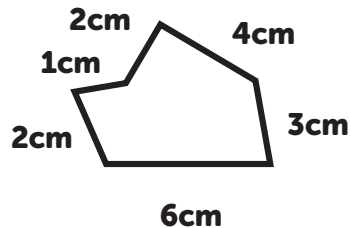
1

Tick the right angled triangle



2

What is the perimeter?



18 cm

3

6 kg = 6000 g

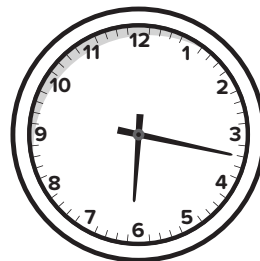
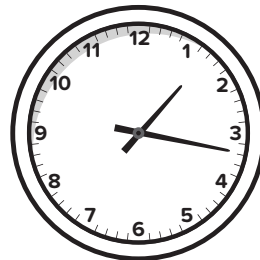
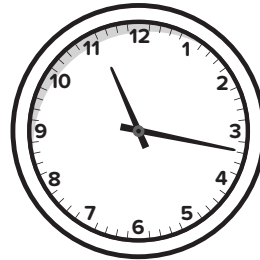
$6\frac{3}{4}$ kg = 6750 g

$6\frac{1}{2}$ kg = 6500 g

7

Which of these 3 analogue clocks show the equivalent time?

23:17



6

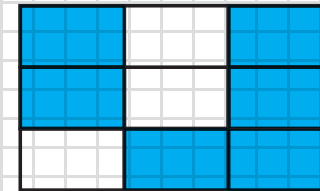
5 hours = 300 minutes

14 minutes = 840 seconds

2 years = 24 months
2 weeks = 14 days

8

What fraction of the shape is shaded?



$\frac{1}{3}$ $\frac{1}{4}$ **$\frac{2}{3}$**

9

$\frac{5}{6} + \frac{3}{6} = \frac{8}{6}$

10

$\frac{5}{9} + \frac{4}{9} = 1$

$1 - \frac{2}{6} = \frac{4}{6}$

$81\frac{3}{5} + 8\frac{2}{5} = 90$

4

Use decimal notation to show...

£9 and 01p = **£9.01**

741p = **£7.41**

£5 = **£5.00**

5

Which day is 29 days before 13th May?

14th April

Day 14 Month 04

MY LAST SCORE?!

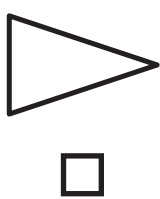
HAVE I BEAT THAT?!



ANSWERS

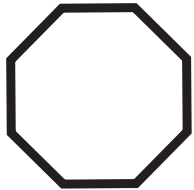
1

Tick the equilateral triangle



2

What is the perimeter?



6cm

48 cm

3

$$9 \text{ kg} = \underline{\text{9000 g}}$$

$$9 \frac{1}{4} \text{ kg} = \underline{\text{9250 g}}$$

$$9 \frac{1}{2} \text{ kg} = \underline{\text{9500 g}}$$

4

Use decimal notation to show...

$$\text{£1 and 42p} = \underline{\text{£1.42}}$$

$$213\text{p} = \underline{\text{£2.13}}$$

$$\text{£7} = \underline{\text{£7.00}}$$

5

Which day is 40 days after 4th April?

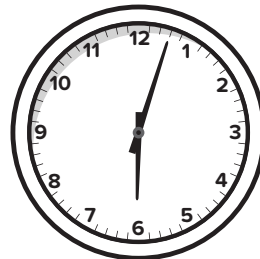
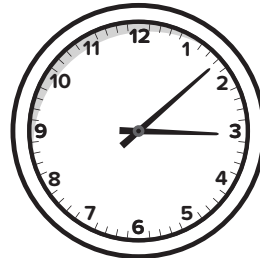
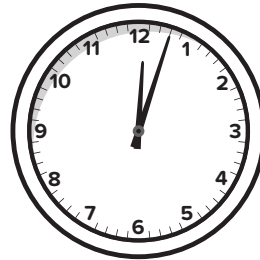
14th May

Day 14 Month 05

7

Which of these 3 analogue clocks show the equivalent time?

03:08



SAFE 13

SET: 7

/10

6

$$6 \text{ hours} = \underline{\text{360}} \text{ minutes}$$

$$7 \text{ minutes} = \underline{\text{420}} \text{ seconds}$$

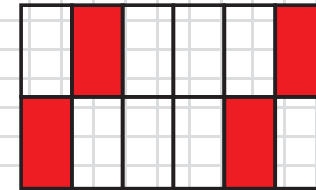
$$\underline{\text{60}} \text{ } \underline{\text{35}}$$

$$\text{months} = 5 \text{ years}$$

$$\text{days} = 5 \text{ weeks}$$

8

What fraction of the shape is shaded?



$$\underline{\frac{5}{12}}$$

$$\frac{1}{4} \quad \frac{2}{3}$$

9

$$\frac{8}{9} - \frac{4}{9} = \underline{\frac{4}{9}}$$

10

$$\frac{2}{5} + \underline{\frac{3}{5}} = 1$$

$$1 - \underline{\frac{4}{7}} = \frac{3}{7}$$

$$18 \frac{3}{7} + \underline{1 \frac{4}{7}} = 20$$



MY LAST SCORE?!

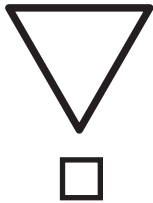
HAVE I BEAT THAT?!



ANSWERS

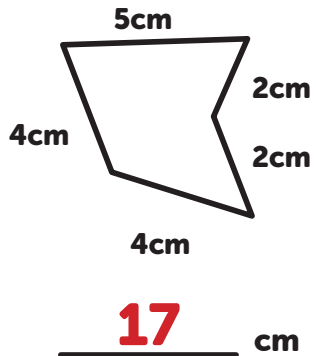
1

Tick the isosceles triangle



2

What is the perimeter?



3

$$3 \text{ kg} = \underline{3000 \text{ g}}$$

$$3 \frac{1}{2} \text{ kg} = \underline{3500 \text{ g}}$$

$$3 \frac{3}{4} \text{ kg} = \underline{3750 \text{ g}}$$

4

Use decimal notation to show...

$$\text{£3 and 64p} = \underline{\text{£3.64}}$$

$$471\text{p} = \underline{\text{£4.71}}$$

$$\text{£2} = \underline{\text{£2.00}}$$

5

Which day is 20 days after 19th July?

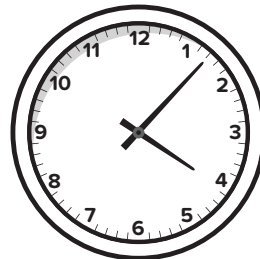
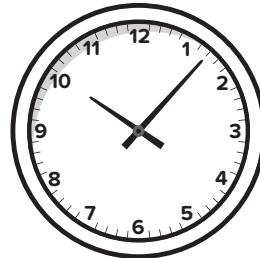
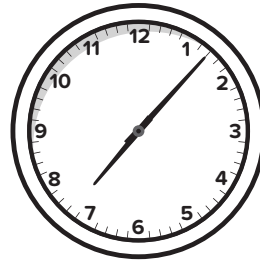
8th August

Day 08 Month 08

7

Which of these 3 analogue clocks show the equivalent time?

07:07



SAFE 13

SET: 8

/10

6

$$3 \text{ hours} = \underline{180} \text{ minutes}$$

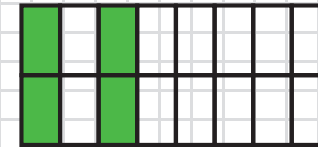
$$8 \text{ minutes} = \underline{480} \text{ seconds}$$

$$\underline{24} \text{ months} = 2 \text{ years}$$

$$\underline{14} \text{ days} = 2 \text{ weeks}$$

8

What fraction of the shape is shaded?



$$\frac{3}{4}$$

$$\frac{2}{3}$$

$$\frac{1}{4}$$

9

$$\frac{9}{4} - \frac{6}{4} = \underline{\frac{3}{4}}$$

10

$$\frac{5}{9} + \underline{\frac{4}{9}} = 1$$

$$1 - \underline{\frac{6}{8}} = \frac{2}{8}$$

$$24 \frac{3}{9} + \underline{5 \frac{6}{9}} = 30$$



MY LAST SCORE?!

HAVE I BEAT THAT?!



ANSWERS

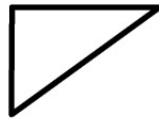
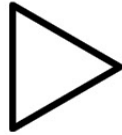
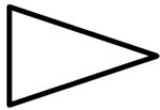
SAFE 13

SET: 9

/10

1

Tick the right angled triangle



2

What is the perimeter?



6cm

42 cm

3

5 kg = 5000 g

5.5kg = 5500 g

$5\frac{3}{4}$ kg = 5750 g

4

Use decimal notation to show...

£4 and 44p = **£4.44**

687p = **£6.87**

£6 = **£6.00**

5

How many days from 25th May until 6th June?

12 days

7

Which of these 3 analogue clocks show the equivalent time?

16:57



6

9 hours = 540 minutes

15 minutes = 900 seconds

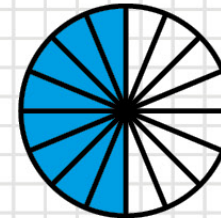
72
63

months = 6 years

days = 9 weeks

8

What fraction of the shape is shaded?



$\frac{3}{4}$ **$\frac{1}{2}$** $\frac{1}{3}$

9

$\frac{2}{7} + \frac{6}{7} = \frac{8}{7}$

10

$\frac{7}{8} + \frac{1}{8} = 1$

$1 - \frac{5}{9} = \frac{4}{9}$

$46\frac{2}{5} + 3\frac{3}{5} = 50$



MY LAST SCORE?!

HAVE I BEAT THAT?!



ANSWERS

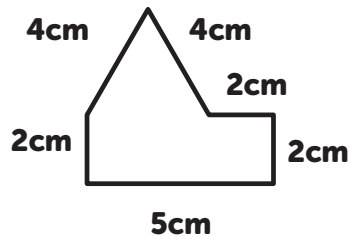
1

Tick the equilateral triangle



2

What is the perimeter?



19 cm

3

7 kg = 7000 g

7.5kg = 7500 g

$7\frac{1}{2}$ kg = 7500 g

4

Use decimal notation to show...

£3 and 54p = **£3.54**

279p = **£2.79**

£2 = **£2.00**

5

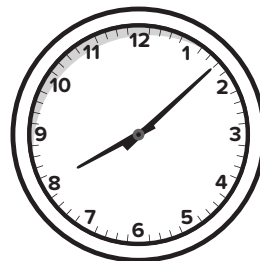
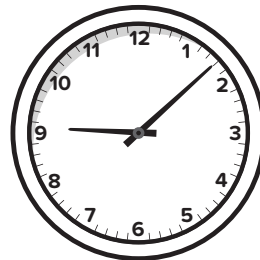
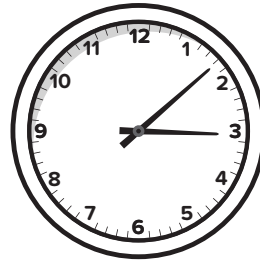
How many days from 8th July until 5th August?

28 days

7

Which of these 3 analogue clocks show the equivalent time?

21:08



6

5 hours = 300 minutes

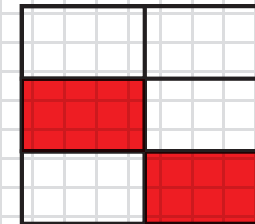
12 minutes = 720 seconds

36 months = 3 years

28 days = 4 weeks

8

What fraction of the shape is shaded?



$\frac{1}{4}$ $\frac{2}{3}$ **$\frac{1}{3}$**

9

$\frac{4}{6} + \frac{4}{6} = \frac{8}{6}$

10

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

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

$73\frac{3}{7} + 6\frac{4}{7} = 80$



MY LAST SCORE?!

HAVE I BEAT THAT?!

