9 Sam weighs a cube.
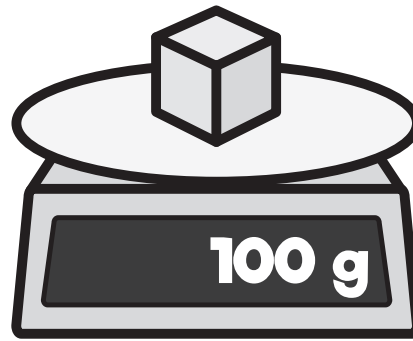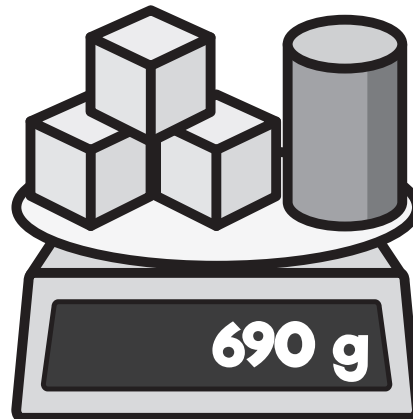

He adds two more identical cubes and one cylinder to the scale.

How much does the cylinder weigh?
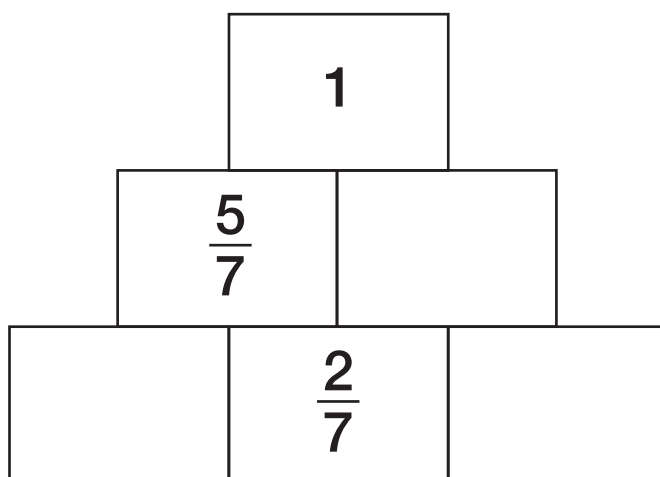
g

10 Here are two addition pyramids.
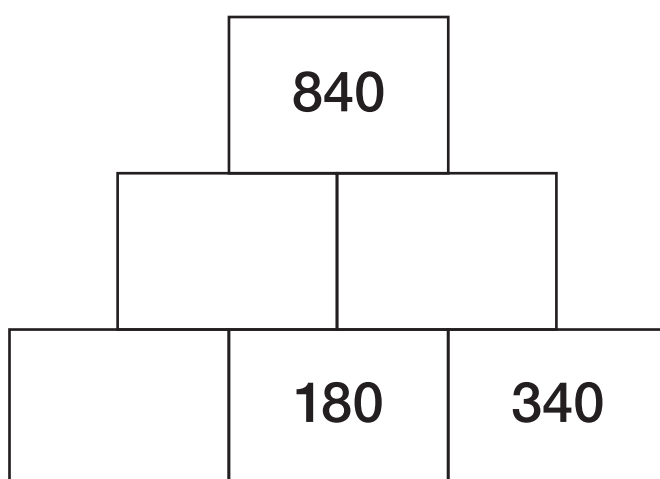
The two numbers below add to make the number above.

Complete each addition pyramid.

```
         ┌───────┐
         │   1   │
     ┌───┴───┬───┴───┐
     │  5/7  │       │
 ┌───┴───┬───┴───┬───┴───┐
 │       │  2/7  │       │
 └───────┴───────┴───────┘
```

2 marks

```
         ┌───────┐
         │  840  │
     ┌───┴───┬───┴───┐
     │       │       │
 ┌───┴───┬───┴───┬───┴───┐
 │       │  180  │  340  │
 └───────┴───────┴───────┘
```
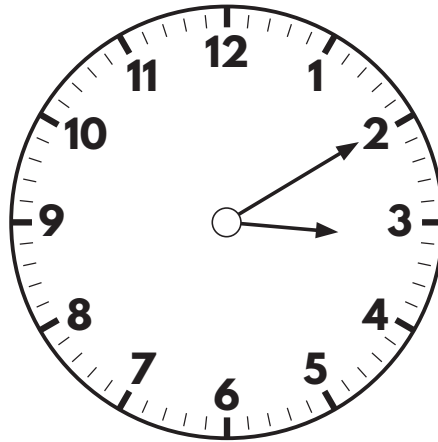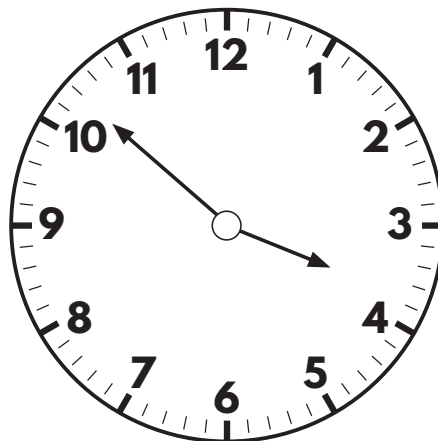
2 marks

11 Joe is walking home from school.

He leaves school at this time.

He arrives home at this time.

How many minutes does it take Joe to walk home?

minutes

Complete the number statements.
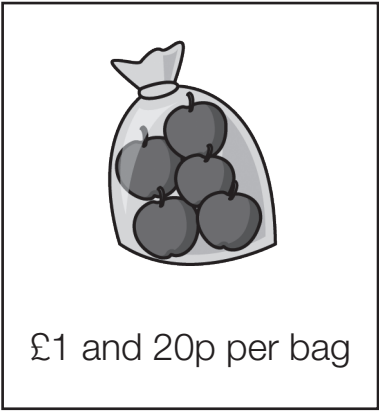
$$340 + 20 = 339 + \boxed{}$$

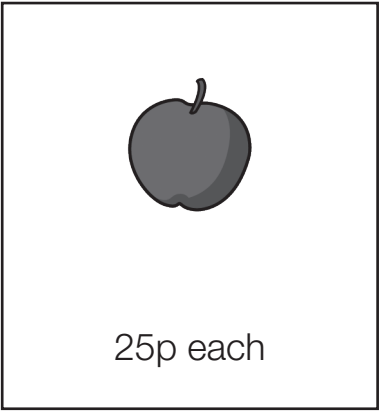$$340 - 20 = 339 - \boxed{}$$

2 marks

13 Jen has a £5 note.

Jen buys two single apples and a bag of apples.

£1 and 20p per bag	25p each

How much change does she get?

Show your method

£   and   p

2 marks

White Rose Maths

14 Bella says $\frac{1}{2}$ is greater than $\frac{1}{3}$
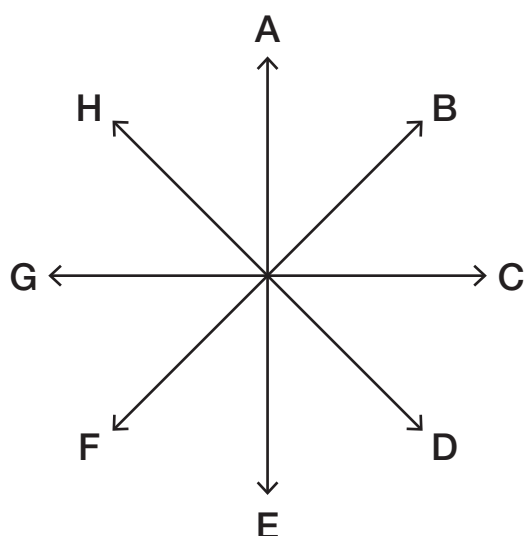
Prove Bella is correct.

You can use the bars to help you.

1 mark

15 Amir is facing A.

He turns through **two** right angles.

Which letter is Amir facing now?

1 mark

Susie is facing D.

She turns **anti-clockwise** through one right-angle.

Which letter is Susie facing now?

1 mark

16 There are red, purple and green sweets in a jar.

$\frac{2}{5}$ of the sweets are red.

$\frac{2}{5}$ of the sweets are green.

12 of the sweets are purple.

How many sweets are there altogether?

Show your method

2 marks

END OF TEST