

# Practice paper (calculator)

Use your own paper to answer these questions.

## Foundation tier

Time: 1 hour 30 minutes

The total mark for this paper is 80.

The marks for **each** question are shown in brackets.

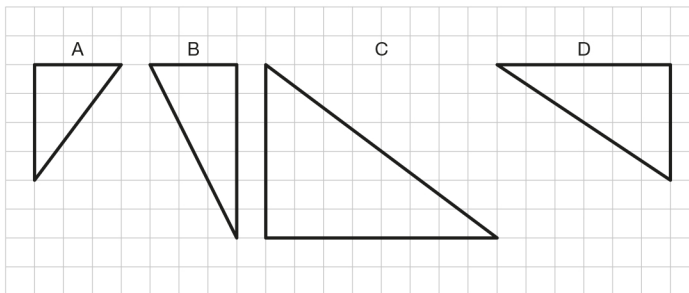
1 Which of these is a prime number?

Circle your answer.

1      8      11      15

[1 mark]

2 Which two triangles are similar?



[1 mark]

3 Which number is 7 more than  $-10.2$ ?

$-17.2$        $-3.8$        $3.8$        $-3.2$

[1 mark]

4 Which is the better rate of pay for a 37 hour week?

A £11.50 per hour      or      B £462.50 per week.

You must show your working.

[2 marks]

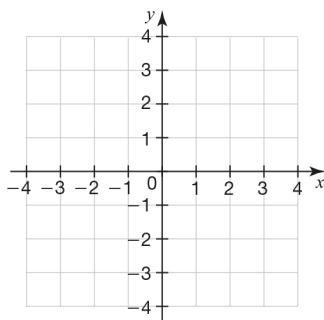
5 A bus takes 21 minutes and 25 seconds from the bus station to the hospital.

The bus arrives at the hospital at 2.10pm.

Exactly what time did the bus leave the bus station?

[1 mark]

6 The points  $(2, 3)$ ,  $(-4, 2)$  and  $(-2, -2)$  are three vertices of a parallelogram.



Work out the coordinates of the other vertex.

[2 marks]