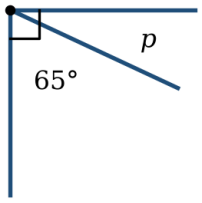
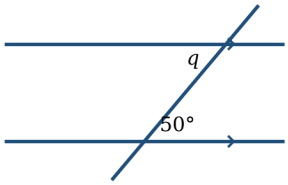
| Day 171 | C Tier 10-a-day |
|---|---|
| **1** Work out the value of 3z when z = 9. | |
| **2** A right angle is split into two angles by a line.<br>Work out the size of angle p.<br>The diagram is not drawn accurately.<br> | |
| **3** Here is a sequence with one number missing.<br>15, ?, 33, 42, 51<br>Work out the missing number. | |
| **4** Two parallel lines are crossed by a straight line.<br>Work out the size of angle q.<br>Give a reason for your answer.<br> | |
| **5** A cyclist travels 60 km in 2 hours.<br>Work out its average speed. | |

**Day 171** **C Tier 10-a-day**

**6** Work out 5% of £160.

**7** A rectangular floor is 5 m long and 3 m wide.
Carpet costs £12 per $m^2$.
Work out the cost of covering the floor.

**8** Work out $-7 - 8$.

**9** The diagram shows the first three patterns in a sequence made by Leah.
Each pattern is made from counters.
How many counters are in Pattern 4?




**10** A game uses a four-coloured spinner.
The table shows the probability of each colour.
The probabilities add up to 1.
Work out the missing probability.

| Colour | Red | Blue | Green | Yellow |
|---|---|---|---|---|
| Prob. | 0.2 | 0.45 | ? | 0.05 |