Day 247 **C Tier 10-a-day**

1 Complete the table of values for y = 2x + 4.

x	0	1	2	3	4
y			8	10	12

2 Uzma buys a gift for £17.65.
Uzma pays with a £20 note.
How much change does Uzma get?

3 Jack wants to find out whether adults like cycling.
Jack asks people at a cycling race.
Give a reason why this sample may be biased.

4 Write 07:05 using am or pm.

5 On a map, 1 cm represents 2 km.
Two towns are 16 km apart in real life.
How far apart are they on the map?

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6 Work out 144 ÷ 4.	
7 Simplify 4n + 9 + 5n	
8 A cube has sides of length 5 m. (a) Work out the volume of the cube. (b) Work out the total surface area of the cube.	
9 There are x children in a club. 5 children leave. There are now 20 children in the club. (a) Write down an equation using x. (b) Solve your equation to find how many children were in the club at first.	
10 The diagram shows a triangle. Work out the area of the triangle. The diagram is not drawn accurately.  	