**Answers to Year 6 maths – Scaling:**

Q1. The “L” shape should now be 4 squares across at the top and 6 squares down in total.

 The arrow should be 4 across and 8 down.

Q2. Rectangle: Scale factor 2 = 4 x 10cm, SF3 = 6 x 15cm, SF4 = 8 x 20cm

 Trapezium: SF2 = 8 x 12cm, SF3 = 12 x 18cm, SF4 = 16 x 24cm

Q3. Green triangle - each side is 5cm, so perimeter is 15cm, blue triangle – each side is 15cm so the perimeter is 45cm.

Q4. B is 2x as big as A, A is enlarged by Scale Factor 2

Q5. B = 10, C = 10, D = 45

 A to B = SF2, A to C = SF5, A to D = SF8