Activity 14 Answers

1. The cuboid is made up of 16cm cubes
   The volume of the cuboid is $16cm^3$

2. The cuboid is made up of 18cm cubes
   The volume of the cuboid is $18cm^3$

3. A = $24cm^3$
   B = $20cm^3$

4. A = $18cm^3$
   B = $24cm^3$

5. A = $50cm^3$
   B = $400cm^3$
   C = $70cm^3$

6. A = $300cm^3$
   B = $10cm^3$
   C = $900cm^3$

7. False – the volume is $20cm^3$

8. False – the volume is $18cm_3$

Challenge

4a. A + C + D. A has 12 cubes, C has 18 cubes and D has 10 cubes. 12 + 18 + 10 = 40.

5a. $16cm^3$ is the odd one out because there is no cuboid that has this number of cubes.