

2 × 2 × 2	8
8 × 3 × 3	
× 4 × 4	





## a) Which calculation is the same as 6<sup>3</sup>?

## Tick your answer.



**b)** Kim has worked out 6<sup>3</sup> using this method.

$$6^{3} = (6 \times 6) \times 6$$
  
= 36 × 6  
= 216  
$$30 \qquad 6$$
  
6 30 × 6 = 180 6 × 6 = 36  
180 + 36 = 216

Is Kim's method correct?

How do you know?

c) Match the cube numbers to the calculations. One has been done for you.









