

2 × 2 × 2	8
x 3 x 3	27
$\times 4 \times 4$	64







## 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  
$$30 \qquad 6$$
  
$$6 \qquad 30 \times 6 = 180 \qquad 6 \times 6 = 36$$
  
$$180 + 36 = 216$$

Is Kim's method correct?

How do you know?

She has correctly calculated 6×6 then multiplied her answer by 6

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





years old.

Scott is



x3	because	the	é suza	
			1	
2				



