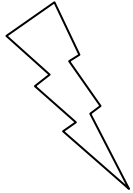# Eleven Plus Maths Worksheet – Multiplication problems

QUESTION	
	7 Jackets cost £224 . Find the cost of 9 Jackets. (a) £190 (b) £137 (c) £228 (d) £288
HINT	

	7 jackets cost £224. Find the cost of 9 jackets.
	
	There are two ways of doing this sum.
	
	(a) Find the cost of 1 jacket by sharing the total cost between 7 jackets.
	      £224 ÷ 7 = £32
	
	Now find the cost of 9 jackets by multiplying the cost of 1 jacket by 9
	      £32 x 9 = £288
	
	(b) In the fractional method you decide whether 9 jackets will cost more or less than 7 jackets. If you decide more than the fraction of the starting price will be $\frac{9}{7}$.
	
	The sum will then become $\frac{9}{7} \times \frac{224}{1}$
	= £288
	
	I think that the first method is easier to understand, don't you?

ANSWER	
	c