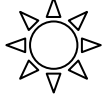
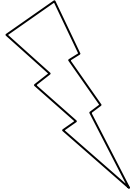



Eleven Plus Maths Worksheet - Multiplication problems

<u>QUESTION</u>	
	<p>7 Jackets cost £224 . Find the cost of 9 Jackets.</p> <p>(a) £190 (b) £137 (c) £228 (d) £288</p>
<u>HINT</u>	
	<p>7 jackets cost £224. Find the cost of 9 jackets.</p> <p>There are <u>two ways</u> of doing this sum.</p> <p>(a) Find the cost of 1 jacket by sharing the total cost between 7 jackets.  <math>£224 \div 7 = £32</math></p> <p>Now find the cost of 9 jackets by multiplying the cost of 1 jacket by 9  <math>£32 \times 9 = £288</math></p> <p>(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 <math>\frac{9}{7}</math>.</p> <p>The sum will then become <math>\frac{9}{7} \times \frac{224}{1}</math>  <math>= £288</math></p> <p>I think that the first method is easier to understand, don't you?</p>
<u>ANSWER</u>	
	<p>c</p>