

## Proportion and the Unitary Method

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<p>10m of ribbon costs £1.80. How much does 17m of ribbon cost?</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr style="background-color: #fff2cc;"> <th>Metres</th> <th>Cost</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">10</td> <td style="text-align: center;">£1.80</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">£0.18</td> </tr> <tr> <td style="text-align: center;">17</td> <td style="text-align: center;">£3.06</td> </tr> </tbody> </table>	Metres	Cost	10	£1.80	1	£0.18	17	£3.06	<p>Four cinema tickets costs £23. How much does it cost for three cinema tickets?</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr style="background-color: #fff2cc;"> <th>Tickets</th> <th>Cost</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">£23</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">£5.75</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">£17.25</td> </tr> </tbody> </table>	Tickets	Cost	4	£23	1	£5.75	3	£17.25	<p>Seven glasses contain 1155ml of juice. How much juice does 16 glasses contain?</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr style="background-color: #fff2cc;"> <th>Glasses</th> <th>Juice</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">7</td> <td style="text-align: center;">1155 ml</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">165 ml</td> </tr> <tr> <td style="text-align: center;">16</td> <td style="text-align: center;">2640 ml</td> </tr> </tbody> </table>	Glasses	Juice	7	1155 ml	1	165 ml	16	2640 ml	<p>Eight pairs of socks costs £18. How much does 5 pairs of socks cost?</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr style="background-color: #fff2cc;"> <th>Socks</th> <th>Cost</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">8</td> <td style="text-align: center;">£18</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">£2.25</td> </tr> <tr> <td style="text-align: center;">5</td> <td style="text-align: center;">£11.25</td> </tr> </tbody> </table>	Socks	Cost	8	£18	1	£2.25	5	£11.25
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<p>Five cups of coffee costs £14.25. How much does 8 cups of coffee cost?</p> <p style="text-align: center; color: red;">1 coffee £2.85 8 coffees £22.80</p>	<p>Nine orangutans need feeding 108 bananas per day. How many bananas do 7 orangutans need per day?</p> <p style="text-align: center; color: red;">1 orangutan 12 bananas 7 orangutans 84 bananas</p>	<p>Celia cycles 10 miles in 45 minutes. How long does it take for Celia to cycle 23 miles?</p> <p style="text-align: center; color: red;">1 mile in 4.5 minutes 23 miles in 103.5 minutes</p>	<p>14 litres of petrol costs £18.48. How many litres of petrol can be bought for £33?</p> <p style="text-align: center; color: red;">1 litre for £1.32 £33 buys 25 litres</p>																																