

Proportion and the Unitary Method

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<p>Three oranges costs 72p. How much does it cost for 5 oranges?</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr style="background-color: #ffe6e6;"> <th>Oranges</th> <th>Cost</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">72p</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">24p</td> </tr> <tr> <td style="text-align: center;">5</td> <td></td> </tr> </tbody> </table>	Oranges	Cost	3	72p	1	24p	5		<p>Four notebooks have 132 pages. How many pages do 9 notebooks have?</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr style="background-color: #ffe6e6;"> <th>Notebooks</th> <th>Pages</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">132</td> </tr> <tr> <td style="text-align: center;">1</td> <td></td> </tr> <tr> <td style="text-align: center;">9</td> <td></td> </tr> </tbody> </table>	Notebooks	Pages	4	132	1		9		<p>Two dogs need 11 kg of dog food per week. How much dog food do 7 dogs need?</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr style="background-color: #ffe6e6;"> <th>Dogs</th> <th>Food</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">11 kg</td> </tr> <tr> <td style="text-align: center;">1</td> <td></td> </tr> <tr> <td style="text-align: center;">7</td> <td></td> </tr> </tbody> </table>	Dogs	Food	2	11 kg	1		7		<p>Six pens costs 84p. How much does it cost for 20 pens?</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr style="background-color: #ffe6e6;"> <th>Pens</th> <th>Cost</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">6</td> <td style="text-align: center;">84p</td> </tr> <tr> <td style="text-align: center;">1</td> <td></td> </tr> <tr> <td style="text-align: center;">20</td> <td></td> </tr> </tbody> </table>	Pens	Cost	6	84p	1		20	
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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></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	Metres	Cost	10	£1.80					<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></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	Tickets	Cost	4	£23					<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></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	Glasses	Juice							<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></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	Socks	Cost						
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<p>Five cups of coffee costs £14.25. How much does 8 cups of coffee cost?</p>	<p>Nine orangutans need feeding 108 bananas per day. How many bananas do 7 orangutans need per day?</p>	<p>Celia cycles 10 miles in 45 minutes. How long does it take for Celia to cycle 23 miles?</p>	<p>14 litres of petrol costs £18.48. How many litres of petrol can be bought for £33?</p>																																