

Maths Workout - Number

Topic 22 – Proportion 1				
Target 1	Target 2	Target 3	Target 4	Target 5
<i>Solve a simple direct proportion question</i>	<i>Read, interpret and draw a line graph of direct proportion</i>	<i>Solve a simple indirect proportion question Distinguish between direct and indirect proportion</i>	<i>Solve questions on rates and best buys</i>	<i>Convert between different quantities using a conversion factor and graph Calculate currency exchange</i>
1. Calculate the cost of n items given the cost of 1	1. Read and interpret a line graph of direct proportion	1. Solve an indirect proportion question	1. Calculate the rate for 1 item given the rate for n items	1. Convert between miles and kilometres; whole numbers
2. Calculate the rate for n items given the rate for 1	2. Read and interpret a line graph of direct proportion	2. Solve an indirect proportion question	2. Calculate the best buy of 2 items by comparing rates	2. Convert between miles and kilometres
3. Calculate the cost of 1 item given the cost of n	3. Read and interpret a line graph of direct proportion	3. Solve a mixture of direct and indirect proportion questions	3. Calculate the best buy of 2 items by comparing rates	3. Construct a conversion graph between miles and kilometres from a table of information
4. Calculate the rate for 1 item given the rate for n	4. Read and interpret a line graph of direct proportion		4. Calculate the best buy of 2 items by comparing rates	4. Read and interpret a conversion graph between miles and kilometres
5. Calculate the rate for n items given the rate for m	5. Construct a straight line graph of direct proportion from a table of information		5. Calculate the best buy of 2 items by comparing rates	5. Read and interpret a conversion graph between miles and kilometres
6. Calculate the rate for n items given the rate for m	6. Construct a straight line graph of direct proportion from a table of information		6. Calculate the best buy of 2 items by comparing rates	6. Read and interpret a conversion graph between miles and kilometres
7. Calculate the rate for n items given the rate for m	7. Construct a straight line graph of direct proportion from a single piece of information		7. Calculate the best buy of 2 items by comparing rates	7. Convert between £ and \$ using an exchange rate in terms of £1
	8. Construct a straight line graph of direct proportion from a single piece of information		8. Calculate the best buy of 2 items by comparing rates	8. Convert between £ and \$ using an exchange rate in terms of \$1
			9. Calculate the best buy of 2 items by comparing rates	9. Construct a conversion graph between £ and \$ using an exchange rate in terms of £1
			10. Calculate the best buy of 2 items by comparing rates	10. Read and interpret a conversion graph between £'s and \$'s
			11. Solve a problem involving combined rates	11. Read and interpret a conversion graph between £'s and \$'s
			12. Solve a problem involving combined rates	