

Numeracy Workout - Number

Topic 21 - Proportion				
Target 1	Target 2	Target 3	Target 4	Target 5
<i>Understand the key points of a graph of direct proportion</i> <i>Read a graph of direct proportion</i>	<i>Construct a graph of direct proportion</i>	<i>Solve a simple direct proportion question</i>	<i>Solve problems on rates and best buys</i>	<i>Construct and read a conversion graph</i> <i>Convert between quantities using a conversion factor</i>
1. Demo: understand the key points of a direct proportion graph	1. Construct a graph of direct proportion from a table of data	1. Calculate the rate of n items given the rate of 1	1. Calculate the best buy of 2 items by comparing rates	1. Construct a conversion graph between miles and kilometres
2. Read a graph of direct proportion	2. Construct a graph of direct proportion from a table of data	2. Calculate the rate of n items given the rate of 1	2. Calculate the best buy of 2 items by comparing rates	2. Read a conversion graph between miles and kilometres
3. Read a graph of direct proportion	3. Construct a graph of direct proportion from a table of data	3. Calculate the cost for n items given the cost for 1	3. Calculate the best buy of 2 items by comparing rates	3. Convert miles to kilometres
4. Read a graph of direct proportion	4. Construct a graph of direct proportion from a single piece of information	4. Calculate the cost of 1 item given the cost of n	4. Calculate the best buy of 2 items by comparing rates	4. Convert kilometres to miles
5. Read a graph of direct proportion	5. Construct a graph of direct proportion from a single piece of information	5. Demo: Calculate the cost for n items given the cost for m	5. Calculate the best buy of 2 items by comparing rates	5. Convert between miles and kilometres
	6. Construct a graph of direct proportion from a single piece of information	6. Calculate the cost for n items given the cost for m	6. Calculate the best buy of 2 items by comparing rates	6. Read a conversion graph between miles and kilometres
		7. Calculate the rate for n items given the rate for m	7. Calculate the best buy of 2 items by comparing rates	7. Construct a conversion graph between £ and \$ using an exchange rate in terms of £1
			8. Calculate the best buy of 2 items by comparing rates	8. Read a conversion graph between £s and \$s
			9. Calculate the best buy of 2 items by comparing rates	9. Convert from £ to \$ using an exchange rate in terms of £1
				10. Convert from £ to \$ using an exchange rate in terms of £1