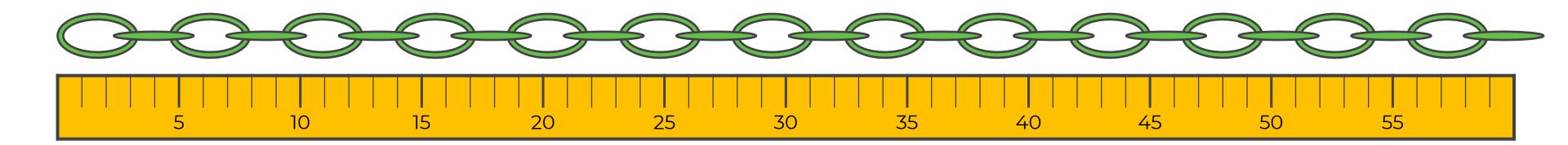
Constant of proportionality - downloadable resource. Lesson 3 of 12.

Dr Rim Saada

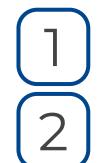


Try this

The cost of this chain is directly proportional to its length.



Length (cm)	0	5	10	15	20	25	30	35	40	45	50	55	60
Cost (p)	0	15	30	45		75		105			150		180



Complete the table for the cost of the multiples of 5.

Create and complete the table for the cost of the multiples of 2.

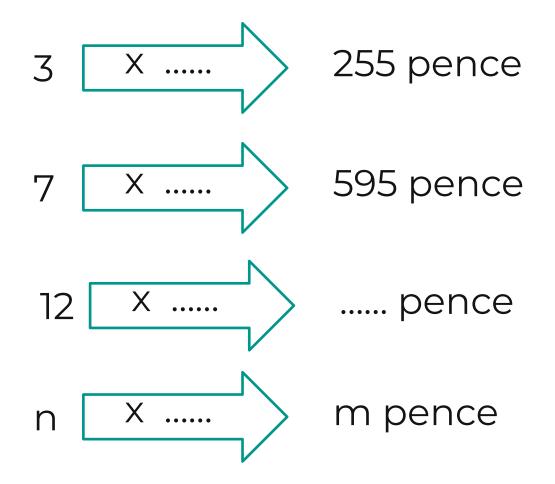


Independent task

1) Three 'Chunkie' chocolate bars cost £2.55. Seven 'Chunkie' chocolate bars cost £5.95.

n 'Chunkie' chocolate bars cost *m* pence.

Fill in the gaps to represent this.



2) The number of mugs is directly proportional to the cost of the mugs.Complete the table below without finding the cost of 1 mug.

Number of mugs	4			
Cost	£1.60	£2.80	£3.60	£4.00

3) The number of hours Alex works is directly proportional to the pay he receives. Complete the table below without finding the pay for 1 hour.

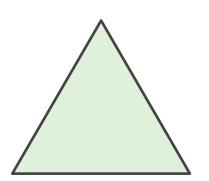
Hours	work
Pay	

ed		17		31	
	£150	£212.50	£237.50		



Explore

The relationship between the height of these shapes and their perimeter is directly proportional. Fill in these tables...



1	2	10
3.46		
	1 3.46	1 2 3.46

