

Worded Proportion Problems

(a)	(b)	(c)	(d)
Four highlighter pens cost £3.16. What is the cost of 7 highlighter pens?	A cake recipe for 5 people uses 45g of sugar and 120g of flour. How much sugar and flour is needed to make a cake for 8 people?	Three volunteers take 8 days to build a wall. If four volunteers were to build the same wall, how long would it take?	Which is better value for money – 4 packs of tissues for £1.15 or 9 packs of tissues for £2.50?
(e)	(f)	(g)	(h)
If a van travels at 60 km/h, it completes the journey in 25 minutes. How long will the journey take if the van travels at 20 km/h?	1kg of carrots costs 65p. How much would it cost for 600g of carrots?	Six bars of chocolate costs £1.15. Five bars of chocolate costs 95p. Which is the better value for money?	It takes 40 minutes for 4 hosepipes to fill a pool. How long would it take to fill the pool if five hosepipes were used?
(i)	(j)	(k)	(l)
It takes four hours to re-turf a lawn with an area of 20 m ² . How long would it take to re-turf a lawn with an area of 35 m ² ?	Hari buys enough food to feed his two hamsters for 9 days. He then adopts another hamster. How many days will his hamster food last now?	It takes a team of 4 builders 15 days to build a garage. If the garage needs to be completed in six days, how many more builders are required?	A recipe for 8 pancakes requires 2 eggs and 120g flour. Marcia has 6 eggs and 300g flour. How many pancakes can she make?