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| **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 m2. How long would it take to re-turf a lawn with an area of 35 m2? | 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? |