

Using the Unitary Method

(a) Three pens cost 15p. How much do 7 pens cost?

(b) Four ice creams cost 80p. How much do nine ice creams cost?

(c) Typing four pages takes 24 minutes. How long does it take to type 13 pages?

(d) Jim walks three miles in 45 minutes. How long does it take for him to walk 5 miles?

(a) 35p

(b) £1.80

(c) 78 minutes

(d) 75 minutes

(a) 5 boxes of cereal weigh 800g. How much do 11 boxes of cereal weigh?

(b) A car travels 175 miles in 5 hours. How far does it travel in 7 hours?

(c) Julie runs 5 km in 25 minutes. How long does it take her to run 8.5 km?

(d) Larry earns £29.60 for four hours work. How much would he earn for 7.5 hours work?

(a) 1760g

(b) 245 miles

(c) 42.5 minutes

(d) £55.50

(a) A call centre job pays £55.38 for working a 6 hour day. A receptionist job pays £76.80 for working an 8 hour day. Which job pays the better hourly rate?

(b) At Aldi, 8 tomatoes cost £1.44, whereas at Lidl 6 tomatoes cost 96p. Which shop is better value for money?

(c) A corner shop charges £1.85 for 4 pints of milk. A petrol station charges 49p for 1 pint of milk. A supermarket charges £1.05 for 2.5 pints of milk. Which is better value for money?

(a) £9.23 } Receptionist
£9.60 }

(b) 18p } Lidl
16p }

(c) 46.25p } Supermarket
49p }
42p }

(a) Fred takes 40 minutes to walk two dogs. How long does it take Fred to walk three dogs?

(b) A choir with 8 members sings Ave Maria in 5 minutes. How long does it take a choir with 10 members to sing the same song?

(a) Also 40 minutes

(b) Also 5 minutes