



Demonstrate how to use the distributive law to make these calculations easier to solve mentally. The first one has been started for you.

$$\begin{aligned} 1) \quad 43 \times 5 &= (40 \times 5) + (__ \times 5) \\ &= 200 + ______ \\ &= ______ \end{aligned}$$

$$\begin{aligned} 2) \quad 86 \times 3 &= ______ + ______ \\ &= ______ + ______ \\ &= ______ \end{aligned}$$

$$\begin{aligned} 3) \quad 94 \times 6 &= ______ + ______ \\ &= ______ + ______ \\ &= ______ \end{aligned}$$

$$\begin{aligned} 4) \quad 75 \times 4 &= ______ + ______ \\ &= ______ + ______ \\ &= ______ \end{aligned}$$

Solve these word problems. Show your working out.



1) It took 24 minutes for Yoel to memorise a poem. It took Hannah three times longer than Yoel. How long did it take Hannah to memorise the poem?

2) To make 12 pancakes you need 120 g flour, 2 eggs and 350 ml of milk. How much of each ingredient would you need to make 36 pancakes?

3) There are seven red marbles and nine blue marbles in a pack. If Addy has 63 blue marbles, how many packs of marbles does he have? How many red marbles does he have?

4) A box of chocolates has four caramels, six coffee creams and five nut delights. Bobby has 24 coffee creams. How many boxes of chocolates does he have? How many caramels and nut delights does he have?

Notes: