Let's Practise

I A carpark has 5 floors. Each floor has 14 motorcycles.

How many motorcycles are there in the carpark?

groups × items = product

$5 \times 14 = 70$

$$\begin{array}{r} \overset{2}{1\,4} \\ \times \quad 5 \\ \hline 7\,0 \end{array}$$

14 is close to 10.

$10 \times 5 = 50$

50 is close to 70.

My answer is reasonable.

Estimate before you multiply the numbers.

14 | x 5 = 70
10 | 4
5 x 10 = 50
5 x 4 = 20
50 + 20 = 70

2 There are 16 chairs in a row.

a How many chairs are there in 2 rows?

b How many chairs are there in 4 rows?

$16 \times 2 = 32$

16 | x 2 = 32
10 | 6
2 x 10 = 20
2 x 6 = 12
20 + 12 = 32

$16 \times 4 = 64$

16 | x 4 = 64
10 | 6
4 x 10 = 40
4 x 6 = 24
40 + 24 = 64

$$\begin{array}{r} \overset{2}{1\,6} \\ \times \quad 4 \\ \hline 6\,4 \end{array}$$

$$\begin{array}{r} \overset{1}{1\,6} \\ \times \quad 2 \\ \hline 3\,2 \end{array}$$

$13 \times 3 =$

$10 \quad 3$

$10 \times 3 = 30$

3 A bakery sells 13 loaves of bread every day. $3 \times 3 = 9$

$30 + 9 = 39$

How many loaves of bread does the bakery sell in 3 days?

$13 \times 3 = 39$ loaves

4 A giraffe eats 45 kg of food every day.

How many kilograms of food can it eat in 4 days?

$45 \times 4 = 180$

$40 \times 4 = 160$

$5 \times 4 = 20$

$160 + 20 = 180$

$45 \times 4 = 180$

$40 \quad 5$

$40 \times 4 = 160$

$5 \times 4 = 20$

$160 + 20 = 180$

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     2
    4 5
 ×    4
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 1 8 0
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