

29/01/21

Maths Tasks

Use multiplication facts that you know to work out the answers to these calculations.

Blue Challenge

Solve the first fact to help you solve the other facts.

$$\begin{aligned}4 \times 5 &= \underline{\hspace{2cm}} \\40 \times 5 &= \underline{\hspace{2cm}} \\400 \times 5 &= \underline{\hspace{2cm}} \\ \\9 \times 2 &= \underline{\hspace{2cm}} \\90 \times 2 &= \underline{\hspace{2cm}} \\900 \times 2 &= \underline{\hspace{2cm}} \\ \\8 \times 5 &= \underline{\hspace{2cm}} \\80 \times 5 &= \underline{\hspace{2cm}} \\800 \times 5 &= \underline{\hspace{2cm}} \\ \\12 \times 2 &= \underline{\hspace{2cm}} \\120 \times 2 &= \underline{\hspace{2cm}} \\1,200 \times 2 &= \underline{\hspace{2cm}} \\ \\6 \times 5 &= \underline{\hspace{2cm}} \\60 \times 5 &= \underline{\hspace{2cm}} \\600 \times 5 &= \underline{\hspace{2cm}} \\ \\7 \times 10 &= \underline{\hspace{2cm}} \\70 \times 10 &= \underline{\hspace{2cm}} \\700 \times 10 &= \underline{\hspace{2cm}} \\ \\11 \times 5 &= \underline{\hspace{2cm}} \\110 \times 5 &= \underline{\hspace{2cm}} \\1,100 \times 5 &= \underline{\hspace{2cm}} \\ \\13 \times 2 &= \underline{\hspace{2cm}} \\130 \times 2 &= \underline{\hspace{2cm}} \\1,300 \times 2 &= \underline{\hspace{2cm}}\end{aligned}$$

Green Challenge

Solve the first fact to help you solve the other facts.

$$\begin{aligned}7 \times 3 &= \underline{\hspace{2cm}} \\70 \times 3 &= \underline{\hspace{2cm}} \\7 \times 30 &= \underline{\hspace{2cm}} \\7 \times 300 &= \underline{\hspace{2cm}} \\ \\9 \times 4 &= \underline{\hspace{2cm}} \\90 \times 4 &= \underline{\hspace{2cm}} \\9 \times 40 &= \underline{\hspace{2cm}} \\9 \times 400 &= \underline{\hspace{2cm}} \\ \\5 \times 8 &= \underline{\hspace{2cm}} \\5 \times 80 &= \underline{\hspace{2cm}} \\5 \times 800 &= \underline{\hspace{2cm}} \\50 \times 8 &= \underline{\hspace{2cm}} \\ \\12 \times 3 &= \underline{\hspace{2cm}} \\120 \times 3 &= \underline{\hspace{2cm}} \\12 \times 30 &= \underline{\hspace{2cm}} \\12 \times 300 &= \underline{\hspace{2cm}} \\ \\6 \times 4 &= \underline{\hspace{2cm}} \\60 \times 4 &= \underline{\hspace{2cm}} \\6 \times 40 &= \underline{\hspace{2cm}} \\6 \times 400 &= \underline{\hspace{2cm}} \\600 \times 4 &= \underline{\hspace{2cm}} \\ \\9 \times 8 &= \underline{\hspace{2cm}} \\9 \times 80 &= \underline{\hspace{2cm}} \\90 \times 8 &= \underline{\hspace{2cm}} \\9 \times 800 &= \underline{\hspace{2cm}} \\900 \times 8 &= \underline{\hspace{2cm}}\end{aligned}$$

White Challenge

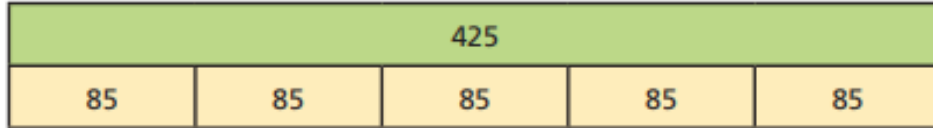
For each calculation, think of the known fact that you already know and use this to help you solve each calculation.

$$\begin{aligned}30 \times 9 &= \underline{\hspace{2cm}} \\80 \times 3 &= \underline{\hspace{2cm}} \\4 \times 60 &= \underline{\hspace{2cm}} \\200 \times 12 &= \underline{\hspace{2cm}} \\700 \times 5 &= \underline{\hspace{2cm}} \\8 \times 600 &= \underline{\hspace{2cm}} \\11 \times 900 &= \underline{\hspace{2cm}} \\70 \times 12 &= \underline{\hspace{2cm}} \\400 \times 30 &= \underline{\hspace{2cm}} \\600 \times 40 &= \underline{\hspace{2cm}} \\800 \times 50 &= \underline{\hspace{2cm}} \\20 \times 500 &= \underline{\hspace{2cm}} \\60 \times 900 &= \underline{\hspace{2cm}} \\90 \times 400 &= \underline{\hspace{2cm}} \\ \\ \underline{\hspace{2cm}} \times 900 &= 4,500 \\ \underline{\hspace{2cm}} \times 300 &= 3,600 \\ \underline{\hspace{2cm}} \times 700 &= 5,600 \\400 \times \underline{\hspace{2cm}} &= 3,200 \\1,100 \times \underline{\hspace{2cm}} &= 9,900 \\50 \times \underline{\hspace{2cm}} &= 3,500 \\70 \times \underline{\hspace{2cm}} &= 1,400 \\80 \times \underline{\hspace{2cm}} &= 6,400 \\2,000 \times \underline{\hspace{2cm}} &= 160,000 \\3,000 \times \underline{\hspace{2cm}} &= 360,000 \\5,000 \times \underline{\hspace{2cm}} &= 350,000 \\7,000 \times \underline{\hspace{2cm}} &= 2,800,000\end{aligned}$$

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Maths Tasks – White+ Extension

The bar model shows $85 \times 5 = 425$



Explain how to work out these calculations from the given fact.

$$85 \times 6$$

$$86 \times 5$$

Ben is using $15 \times 4 = 60$ to solve other calculations.

He says,

1,500 x 4 will give the same answer as 150 x 40. They both equal 6,000.

Is he correct? Explain clearly how you know.

Lucy is using $18 \times 6 = 108$ to solve other calculations.

She says,

18,000 x 6 will give the same answer as 6,000 x 18. They both equal 180,000.

Is she correct? Explain clearly how you know.
