

Use the distributive property to split a product

NAME	DATE	SCORE / 10
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1 $7 \times 15 = 70 + \square$

2 Ivy finds 5×14 like this: $5 \times 10 = 50$ and $5 \times 4 = 20$, so $5 \times 14 = 50 + 20 = 70$. Is Ivy right, and what is 5×14 ?

☐ No, $5 \times 14 = 25$ ☐ No, $5 \times 14 = 54$ ☐ Yes, $5 \times 14 = 70$

3 $8 \times 17 = 8 \times 10 + 8 \times 7 = ?$

4 Cleo finds 3×17 like this: $3 \times 1 = 3$ and $3 \times 7 = 21$, so $3 \times 17 = 3 + 21 = 24$. Is Cleo right, and what is 3×17 ?

☐ No, $3 \times 17 = 51$ ☐ No, $3 \times 17 = 37$ ☐ Yes, $3 \times 17 = 24$

5 $2 \times 19 = 2 \times 10 + 2 \times 9 = ?$

6 Ana finds 9×12 like this: $9 \times 10 = 90$ and $9 \times 2 = 18$, so $9 \times 12 = 90 + 18 = 108$. Is Ana right, and what is 9×12 ?

☐ No, $9 \times 12 = 92$ ☐ Yes, $9 \times 12 = 108$ ☐ No, $9 \times 12 = 27$

7 $3 \times 19 = 3 \times 10 + 3 \times 9 = ?$

8 Cleo finds 3×19 like this: $3 \times 10 = 30$, so $3 \times 19 = 30 + 9 = 39$. Is Cleo right, and what is 3×19 ?

☐ Yes, $3 \times 19 = 39$ ☐ No, $3 \times 19 = 30$ ☐ No, $3 \times 19 = 57$

9 $6 \times 13 = 6 \times 10 + 6 \times 3 = ?$

10 Noah finds 4×18 like this: $4 \times 10 = 40$ and $4 \times 8 = 32$, so $4 \times 18 = 40 + 32 = 72$. Is Noah right, and what is 4×18 ?

☐ No, $4 \times 18 = 36$ ☐ No, $4 \times 18 = 48$ ☐ Yes, $4 \times 18 = 72$

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1 35

3 136

5 38

7 57

9 78

2 Yes, $5 \times 14 = 70$

4 No, $3 \times 17 = 51$

6 Yes, $9 \times 12 = 108$

8 No, $3 \times 19 = 57$

10 Yes, $4 \times 18 = 72$