

Use the distributive property to split a product

NAME	DATE	SCORE / 10
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1 $2 \times 14 = 20 + \square$

2 Ivy finds 4×16 like this: $4 \times 1 = 4$ and $4 \times 6 = 24$, so $4 \times 16 = 4 + 24 = 28$. Is Ivy right, and what is 4×16 ?

☐ Yes, $4 \times 16 = 28$ ☐ No, $4 \times 16 = 46$ ☐ No, $4 \times 16 = 64$

3 $8 \times 19 = 8 \times 10 + 8 \times 9 = ?$

4 Dev finds 2×15 like this: $2 \times 10 = 20$ and $2 \times 5 = 10$, so $2 \times 15 = 20 + 10 = 30$. Is Dev right, and what is 2×15 ?

☐ Yes, $2 \times 15 = 30$ ☐ No, $2 \times 15 = 12$ ☐ No, $2 \times 15 = 25$

5 $4 \times 18 = 40 + \square$

6 Leo finds 9×19 like this: $9 \times 1 = 9$ and $9 \times 9 = 81$, so $9 \times 19 = 9 + 81 = 90$. Is Leo right, and what is 9×19 ?

☐ Yes, $9 \times 19 = 90$ ☐ No, $9 \times 19 = 99$ ☐ No, $9 \times 19 = 171$

7 $7 \times 16 = 70 + \square$

8 Ivy finds 2×13 like this: $2 \times 10 = 20$, so $2 \times 13 = 20 + 3 = 23$. Is Ivy right, and what is 2×13 ?

- ☐ Yes, $2 \times 13 = 23$ ☐ No, $2 \times 13 = 8$ ☐ No, $2 \times 13 = 26$

9 $3 \times 15 = 30 + \square$

10 Maya finds 4×19 like this: $4 \times 10 = 40$, so $4 \times 19 = 40 + 9 = 49$. Is Maya right, and what is 4×19 ?

- ☐ No, $4 \times 19 = 76$ ☐ Yes, $4 \times 19 = 49$ ☐ No, $4 \times 19 = 40$

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1 8

3 152

5 32

7 42

9 15

2 No, $4 \times 16 = 64$

4 Yes, $2 \times 15 = 30$

6 No, $9 \times 19 = 171$

8 No, $2 \times 13 = 26$

10 No, $4 \times 19 = 76$