

Use the distributive property to split a product

NAME	DATE	SCORE / 10
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1 $3 \times 16 = 3 \times 10 + 3 \times 6 = ?$

2 Ben finds 7×12 like this: $7 \times 1 = 7$ and $7 \times 2 = 14$, so $7 \times 12 = 7 + 14 = 21$. Is Ben right, and what is 7×12 ?

☐ No, $7 \times 12 = 84$ ☐ No, $7 \times 12 = 72$ ☐ Yes, $7 \times 12 = 21$

3 $7 \times 16 = 70 + \square$

4 Leo finds 6×19 like this: $6 \times 10 = 60$ and $6 \times 9 = 54$, so $6 \times 19 = 60 + 54 = 114$. Is Leo right, and what is 6×19 ?

☐ Yes, $6 \times 19 = 114$ ☐ No, $6 \times 19 = 60$ ☐ No, $6 \times 19 = 69$

5 $6 \times 13 = 6 \times 10 + 6 \times 3 = ?$

6 Emma finds 3×15 like this: $3 \times 10 = 30$, so $3 \times 15 = 30 + 5 = 35$. Is Emma right, and what is 3×15 ?

☐ No, $3 \times 15 = 45$ ☐ Yes, $3 \times 15 = 35$ ☐ No, $3 \times 15 = 18$

7 $4 \times 16 = 4 \times 10 + 4 \times 6 = ?$

8 Dev finds 6×17 like this: $6 \times 10 = 60$, so $6 \times 17 = 60 + 7 = 67$. Is Dev right, and what is 6×17 ?

☐ No, $6 \times 17 = 102$ ☐ No, $6 \times 17 = 48$ ☐ Yes, $6 \times 17 = 67$

9 $4 \times 17 = 40 + \square$

10 Ana finds 5×16 like this: $5 \times 1 = 5$ and $5 \times 6 = 30$, so $5 \times 16 = 5 + 30 = 35$. Is Ana right, and what is 5×16 ?

☐ No, $5 \times 16 = 56$ ☐ Yes, $5 \times 16 = 35$ ☐ No, $5 \times 16 = 80$

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1 48

3 42

5 78

7 64

9 28

2 No, $7 \times 12 = 84$

4 Yes, $6 \times 19 = 114$

6 No, $3 \times 15 = 45$

8 No, $6 \times 17 = 102$

10 No, $5 \times 16 = 80$