

Math Sheet

Commutative Multiplication Arrays

Read the array and its transpose. Show how swapping factors preserves the total.

1. Write both factor orders.



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2. Write both factor orders.



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3. Write both factor orders.



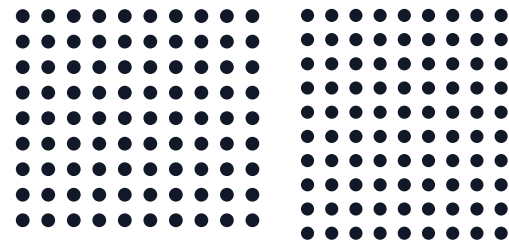
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4. Write both factor orders.



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Commutative Multiplication Arrays - Answer key

Read the array and its transpose. Show how swapping factors preserves the total.

1. Write both factor orders.



$$8 \times 3 = 24$$

$$3 \times 8 = 24$$

2. Write both factor orders.



$$7 \times 4 = 28$$

$$4 \times 7 = 28$$



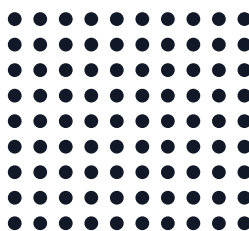
3. Write both factor orders.



$$10 \times 4 = 40$$

$$4 \times 10 = 40$$

4. Write both factor orders.



$$9 \times 10 = 90$$

$$10 \times 9 = 90$$

