

Distributive Property

Name _____

Key Concept and Vocabulary

$2 \times (1 + 3) = 8$ $(2 \times 1) + (2 \times 3) = 8$

You get 8 boxes either way.

Add 2 times 1 to 2 times 3.

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Check your answers at BigIdeasMath.com.

Write the answer in .

1. = 10 = 10

2. = 18 = 18

3. = 20 = 20

4. = 21 = 21

Draw lines to match the expressions. Then color the empty boxes to match those above.

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|----|--------------------|--|-------------------------------|
| 5. | $2 \times (2 + 3)$ | | $(4 \times 3) + (4 \times 2)$ |
| 6. | $3 \times (4 + 2)$ | | $(2 \times 2) + (2 \times 3)$ |
| 7. | $4 \times (3 + 2)$ | | $(3 \times 2) + (3 \times 5)$ |
| 8. | $3 \times (2 + 5)$ | | $(3 \times 4) + (3 \times 2)$ |

