

Name: _____

Date: _____

C.C. Math Standard 3.OA.B.5

Distributive Property with Multiplication

The distributive property is a math rule that helps us simplify expressions that have multiplication and subtraction.

Example

$$3 \times (4 - 2) = 3 \times 4 - 3 \times 2$$

$$3 \times 2 = 3 \times (4 - 2)$$

Find the product.

1. $3 \times (4 - 2) = 3 \times (\underline{\quad}) - 3 \times (\underline{\quad}) = \underline{\quad}$

2. $(6 \times 5) - (6 \times 3) = 6 \times (\underline{\quad} - \underline{\quad}) = \underline{\quad}$

3. $4 \times (5 - 3) = 4 \times (\underline{\quad}) - 4 \times (\underline{\quad}) = \underline{\quad}$

4. $(2 \times 7) - (2 \times 2) = 2 \times (\underline{\quad} - \underline{\quad}) = \underline{\quad}$

5. $7 \times (4 - 3) = 7 \times (\underline{\quad}) - 7 \times (\underline{\quad}) = \underline{\quad}$

6. $(5 \times 5) - (5 \times 3) = 5 \times (\underline{\quad} - \underline{\quad}) = \underline{\quad}$

7. $9 \times (8 - 1) = 9 \times (\underline{\quad}) - 9 \times (\underline{\quad}) = \underline{\quad}$

8. $(8 \times 5) - (8 \times 2) = 8 \times (\underline{\quad} - \underline{\quad}) = \underline{\quad}$