

3.OA.5

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Properties of Multiplication

Use your knowledge of multiplication properties to find the value of each shape.

$$8 \times 7 = (8 \times \star) + (8 \times \oplus)$$

$$5 \times 3 = \blacklozenge \times \star$$

$$(\star \times \blacksquare) \times \oplus = \star \times (\blacksquare \times \oplus)$$

$$\star = \underline{\hspace{2cm}}$$

$$\oplus = \underline{\hspace{2cm}}$$

$$\blacksquare = \underline{\hspace{2cm}}$$

$$\blacklozenge = \underline{\hspace{2cm}}$$

Explain how you found the value of each shape...

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