Name

Practice **2-2** 

## **Properties of Operations**

Find each missing number. Tell what property or properties are shown.

1.	(32 +) + 2 + 7 = 32 + (14 + 2) + 7
2.	8 + 6 + 12 = + 12 + 6
3.	(8 ×) × 7 = 8 × (9 × 7)
4.	+ 0 = 34
5.	12 × 3 = 3 ×
6.	1 × = 288
7.	<b>Reasoning</b> Write a number sentence that shows why the associative property does not work with subtraction.
8.	Which property is shown in (23 $ imes$ 5) $ imes$ 13 $ imes$ 7 = 23 $ imes$ (5 $ imes$ 13) $ imes$ 7?
	A Commutative Property of Multiplication B Identity Property of Multiplication
	<b>C</b> Associative Property of Multiplication <b>D</b> Associative Property of Addition
9.	Writing to Explain Explain why you do not have to do any computing to solve $15 \times 0 \times (13 + 7)$ .