Name: _____

1-6 Additional Practice

Leveled Practice In **1–2**, determine the signs to find each product.

1. Multiply: $5 \cdot (-3)$

The product of a positive and negative integer is [ ].

So, the product of 5 and -3 is [ ].

2. Find $(-4) \cdot (-5)$.

The product of two negative integers is [ ].

So, the product of -4 and -5 is [ ].

3. Find the product of 11 and -2.

4. Multiply: $8 \cdot (-7)$

5. Find the product: $-3 \cdot (-12)$

6. Multiply: $-7 \cdot 4$

7. Four hot air balloons each descend 295 feet per minute for 7 minutes. Find the total change in altitude for all 4 balloons.

8. Mikayla withdraws $20 on 4 different days during a week. Find the total change in her account balance after the withdrawals.

9. Which product is greater? $(-9) \cdot (-3)$ or $(-7) \cdot (-2)$? Explain.

10. Use the expression $-13 \cdot 4$.

   a. Find the product.

   b. Generalize Explain why you can find $-13 \cdot (4)$ by finding $4 \cdot (-13)$. ©MP.8

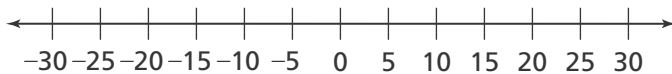**11. Higher Order Thinking** Three numbers have absolute values of 2, 4, and 9. The product of all the numbers is positive.

   a. Find the product.

   b. Find the different ways to write the signs of the numbers to give a positive product. Tell how many different ways there are in all.

© Assessment Practice

12. Use the number line to find $-7 \cdot (4)$.

$-7 \cdot (4) =$ ☐

13. Use the expression $4 \cdot (-12)$.

PART A

What is the value of the expression?

☐

PART B

Which of these products has the same value as $4 \cdot (-12)$? Select all that apply.

☐ $-7 \cdot 6$

☐ $-12 \cdot 4$

☐ $-12 \cdot (-4)$

☐ $8 \cdot (-6)$

☐ $-3 \cdot 16$