

**LESSON**  
**5.4****Leveled Problem Solving**  
**Multiplying Integers**

For use with pages 148-153

**Solve.**

1. The product of two integers with the same sign is positive. What is  $(-6) \times (-10)$ ?  
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2. The product of two integers with different signs is negative. What is  $(8) \times (-3)$ ?  
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3. The weatherman predicts that the weather will decrease 2 degrees every day for the next 5 days. How can the total change in temperature over the next 5 days be written as an integer?  
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4. Each week, Juan withdraws \$15 from his savings account. How can the change in his account after 4 weeks be written as an integer?  
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5. Valerie's sister asks her whether  $-4 \times 37 \times -89 \times 21 \times 17$  is positive or negative. Which is it?  
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6. Mrs. Garcia asks her students to evaluate the expression  $-21 \times a$  when  $a = -30$ . What is the correct answer?  
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