Relating Multiplication and Division

Complete. Use counters or draw a picture to help.

1. \(5 \times \square = 15\)  
2. \(6 \times \square = 24\)  
3. \(7 \times \square = 35\)
   
   \(15 \div 5 = \square\)  
   \(24 \div 6 = \square\)  
   \(35 \div 7 = \square\)

4. \(5 \times \square = 25\)  
5. \(3 \times \square = 12\)  
6. \(3 \times \square = 27\)
   
   \(25 \div 5 = \square\)  
   \(12 \div 3 = \square\)  
   \(27 \div 3 = \square\)

7. Write a fact family for 3, 6, and 18.

8. Patrick purchased 12 books. He needed 4 books for each of his projects at school. How many projects did he have?

9. Model Draw an array. Then write a fact family to describe your array.

10. Critique Reasoning Evan told his class that the people in his family have 14 legs altogether. Quinton said that there must be 7 people in Evan’s family. Is Quinton correct? Explain.

11. Which number makes this number sentence true? \(\square \div 6 = 8\)
   
   A 2  
   B 14  
   C 24  
   D 48