Relating Multiplication and Division

You can use multiplication facts to understand division.
Fact families show how multiplication and division are related.

Here is the fact family for 3, 8, and 24:

$3 \times 8 = 24$ $24 \div 3 = 8$

$8 \times 3 = 24$ $24 \div 8 = 3$

Complete. Use counters or draw a picture to solve.

1. $3 \times \boxed{} = 6$

     $6 \div 3 = \boxed{}$

2. $7 \times \boxed{} = 14$

     $14 \div 7 = \boxed{}$

3. $5 \times \boxed{} = 20$

     $20 \div 5 = \boxed{}$

4. $4 \times \boxed{} = 24$

     $24 \div 4 = \boxed{}$

5. Reason What other number is a part of this fact family? 3, 4, _____

6. There are 28 days in 4 weeks. What fact family would you use to find the number of days in 1 week?

_____

7. There are 12 inches in 1 foot. What fact family would you use to find the number of inches in 2 feet?

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