Relate Multiplication and Division

Arrays can be used to represent fact families.

Find $18 ÷ 6$.

**Step 1** Think: How many groups of 6 are in 18?

\[
x \times 6 = 18 \rightarrow 3 \times 6 = 18
\]

**Step 2** There are 3 groups of 6 in 18.

**Solution:** So, $18 ÷ 6 = 3$.

The multiplication and division equations that can be written using the numbers 3, 6, and 18 form a **fact family**.

\[
6 \times 3 = 18 \quad 18 ÷ 6 = 3
\]

\[
3 \times 6 = 18 \quad 18 ÷ 3 = 6
\]

Write the fact family for each array or set of numbers.

1. 

2. 

3. 5, 7, 35

**Writing Math** Do the numbers 1, 2, and 3 make a fact family using multiplication and division? Explain your answer.