

Relating Multiplication and Division

Complete each fact family.

1. $7 \times \underline{\hspace{2cm}} = 42$

2. $9 \times \underline{\hspace{2cm}} = 36$

$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = 42$

$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = 36$

$42 \div 6 = \underline{\hspace{2cm}}$

$36 \div 4 = \underline{\hspace{2cm}}$

$42 \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

$36 \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

Write a fact family for each set of numbers.

3. 6, 3, 18

4. 5, 5, 25

5. **Reasoning** Why does the fact family for 81 and 9 have only two number sentences?

6. Which number sentence completes the fact family?

$9 \times 6 = 54$ $54 \div 9 = 6$ $54 \div 6 = 9$

A $9 \times 9 = 81$ **B** $6 \times 9 = 54$ **C** $6 \times 6 = 36$ **D** $8 \times 6 = 48$

7. **Writing to Explain** Find two ways to divide 16 evenly. Explain.
