Relating Multiplication and Division

Complete each fact family.

1. $7 \times$ _____ $= 42$

_____ $\times$ _____ $= 42$

$42 \div 6 =$ _____

$42 \div$ _____ $=$ _____

2. $9 \times$ _____ $= 36$

_____ $\times$ _____ $= 36$

$36 \div 4 =$ _____

$36 \div$ _____ $=$ _____

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.

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