

Independent Practice

Identify the property or rule shown by each equation.

3. $6 \div 1 = 6$

4. $10 \div 10 = 1$

5. $8 \times 0 = 0$

6. $0 \div 12 = 0$

7. $22 \times 1 = 22$

8. $4 \times 3 = 3 \times 4$

Algebra Find each unknown number. Identify the property or rule.

9. $3 \div \blacksquare = 1$

$\blacksquare = \underline{\hspace{2cm}}$

10. $\blacksquare \times 8 = 8 \times 4$

$\blacksquare = \underline{\hspace{2cm}}$

11. $\blacksquare \div 11 = 0$

$\blacksquare = \underline{\hspace{2cm}}$

12. $\blacksquare \times 1 = 15$

$\blacksquare = \underline{\hspace{2cm}}$



Problem Solving

13. On a hiking trip, Tamika and Bryan hiked 7 miles a day. They hiked for 5 days. Kurt and Sade hiked 5 miles a day. How many days did it take Kurt and Sade to hike the same distance as Tamika and Bryan? Write a number sentence to solve.
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14. There are 6 shelves in the library that each have 8 books displayed. How many books are on all of the shelves? Use the Commutative Property to write the multiplication sentence in two ways. Then solve.
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15. **Mathematical PRACTICE**  **Identify Structure** Explain why it is helpful to understand the Identity Property of Multiplication.
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HOT Problems

16. **Mathematical PRACTICE**  **Make a Plan** Write a multiplication problem that uses the Commutative Property of Multiplication to solve.
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17.  **Building on the Essential Question** How do multiplication properties and division rules help you to multiply and divide?
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My Work!