Name _____

Key Concept and Vocabulary

Addition Property of Zero

$5 + 0 = 5$

$5 \times 0 = 0$

$5 \times 1 = 5$

Multiplication Property of Zero

Multiplication Property of One

Properties
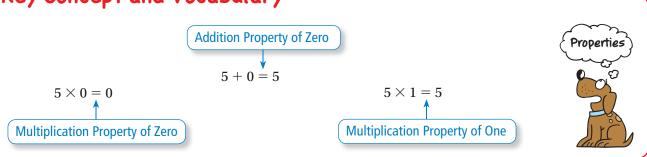
Skill Examples

1. $0 \times 9 = 0$

Multiplication Property of Zero

2. $1 \times 3 = 3$

Multiplication Property of One

3. $7 + 0 = 7$

Addition Property of Zero

Application Example

4. You buy 4 coloring books. Each coloring book costs $1. How much money do you spend?

$4 \times 1 = 4$

⋮ You spend $4.

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Check your answers at BigIdeasMath.com.

Find the sum or product and identify the property.

5. $0 + 6 = \underline{\quad 6 \quad}$

    Addition Property of Zero

6. $2 \times 1 = \underline{\quad 2 \quad}$

    Multiplication Property of One

7. $10 \times 0 = \underline{\quad 0 \quad}$

    Multiplication Property of Zero

8. $1 \times 25 = \underline{\quad 25 \quad}$

    Multiplication Property of One

9. $17 + 0 = \underline{\quad 17 \quad}$

    Addition Property of Zero

10. $0 \times 56 = \underline{\quad 0 \quad}$

    Multiplication Property of Zero

Compare.

11. $3 \times 0 \boxed{<} 1 \times 3$

12. $8 + 0 \boxed{>} 8 \times 0$

13. $9 \times 0 \boxed{=} 0 \times 10$

14. $5 \times 1 \boxed{=} 0 + 5$

15. $7 \times 0 \boxed{<} 1 + 0$

16. $1 \times 4 \boxed{=} 4 \times 1$

17. PRIZES A group of 6 students wins a contest. The teacher gives 1 prize to each student in the group. How many prizes does the teacher give out?   6 prizes

18. SCHOOL PLAY Tickets to a school play cost $1 for adults and are free for students. How much does it cost for 3 adults and 5 students to attend the play? $3