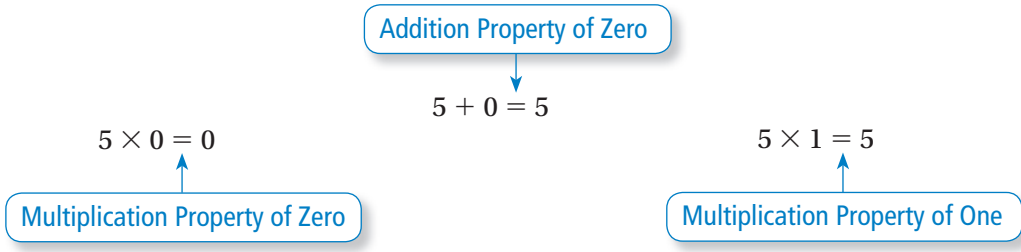


**Key Concept and Vocabulary**



**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.



**PRACTICE MAKES PURR-FECT®**

*Check your answers at [BigIdeasMath.com](http://BigIdeasMath.com).*

Find the sum or product and identify the property.

- |                                   |                                    |
|-----------------------------------|------------------------------------|
| 5. $0 + 6 =$ _____<br>_____       | 6. $2 \times 1 =$ _____<br>_____   |
| 7. $10 \times 0 =$ _____<br>_____ | 8. $1 \times 25 =$ _____<br>_____  |
| 9. $17 + 0 =$ _____<br>_____      | 10. $0 \times 56 =$ _____<br>_____ |

**Compare.**

- |  |   |   |
|--|---|---|
| 11. $3 \times 0$ <input type="checkbox"/> $1 \times 3$ | 12. $8 + 0$ <input type="checkbox"/> $8 \times 0$ | 13. $9 \times 0$ <input type="checkbox"/> $0 \times 10$ |
| 14. $5 \times 1$ <input type="checkbox"/> $0 + 5$      | 15. $7 \times 0$ <input type="checkbox"/> $1 + 0$ | 16. $1 \times 4$ <input type="checkbox"/> $4 \times 1$  |

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? \_\_\_\_\_
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? \_\_\_\_\_