

Name

Math 7 Ch 1 Holt

Date

1. Commutative Property – Addition
2. Distributive Property
3. Addition Property of Equality
4. Exponent
5. In the number  $3^4$ , the 4 is called the \_\_\_\_\_.
6. Write the Order of Operations.
  
7. How do you write a number in scientific notation?
  
8. What strategy do you use to convert measurements in the English or metric systems?
  
9. Write 16 as an exponential with base 2.
  
10. Evaluate in standard form;  $5^3$

11. Convert 4 yards to inches.
12. Convert 5 km to mm.
13. Write 632, 000, 000 in scientific notation
14. Write  $5.37 \times 10^9$  in standard form
15. Simplify  $4 + 5 \times 3 - 2$
16. Simplify  $24 \div (3 + 1) \times 2 - 6$
17. Combine like terms;  $6a + 4 + 2a + 10$
18. Simplify:  $3x + 2y + 7 + 4x + y - 2$
19. Translate into mathematics; four more than twice a number.

20. Translate into mathematics; 5 less than a number.

21. Evaluate  $3a + 4b$  if  $a = 2$  and  $b = 5$ .

22. Identify which property is being represented.

$$(4 + 6) + 5 = 5 + (4 + 6)$$

23. Solve:  $x + 4 = 32$

24. Solve:  $4x = 20$

25. Find the value of the variable that makes the open sentence true.

$$5x + 3 = 38$$

\*\* Bonus Question – How is the Order of Operations used to solve equations?