Name   Grade 6   Ch. 2 Test

Date

Definitions

1.   Algebraic expression

2.   Equation

3.   Variable

4.   Solution

5.   Write the Order of Operations

6.   Write the general strategy for solving equations and inequalities.

7.   When graphing inequalities, when do you color in the circle around the
      coordinate?

Word Translations

8.   Seven more than a number

9. Five less than a number

10. The product of three and a number

11. The quotient of 49 and a number

12. Two less than three times a number

13. Write out in words $5 > 4$

14. Write out in words; $x \leq 6$

15. Evaluate $w + 10$ when $w = 8$

16. Evaluate $c/7$ when $c = 56$

17. Evaluate $4n + 7$, if $n = 2$

18. Write an expression and fill in the missing term that describes the relationship in the chart.

TERM	1	2	3	4	5
VALUE of TERM	4	7	10	13	_

19. Write an expression that describes the following sequence.

    8, 11, 14, 17, …

20. Solve the equation for x; $x + 4 = 10$
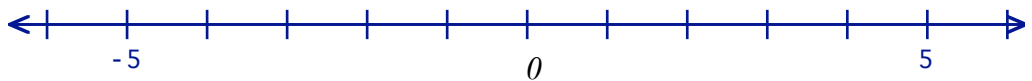
21. Find the solution for the equation $4y = -28$

22. For which equation is $x = 4$ a solution?

   A. $15 - x = 4$
   B. $4 + x = 12$
   C. $x + 4 = 8$
   D. $x - 4 = 4$

23. Solve for p; $p \div 3 = 10$

24. Solve and graph the solution; $x + 5 > 11$

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 ←——+——+——+——+——+——+——+——+——+——+——+——→
       -5                    0                    5
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25. Solve and graph the solution; $y - 2 \leq 8$

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      -5                     0                    5
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