

Homework for Wednesday 12/5

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Name: _____

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Evaluating Expression.

1) $(14 + 26) - 17$

★ 2) $(y + z) - 7$ when $y = 5, z = 8$

3) $k - 29$ when $k = 42$

4) $(p - q) + (52 - 34)$ when $p = 62, q = 48$

5) $(x - z) + (13 - 4)$ when $x = 12, z = 8$

6) $(h + 19) - (11 - h)$ when $h = 7$

7) $z + 29$ when $z = 12$

8) $(15 + b) - (a + 7)$ when $a = 16, b = 9$

9) $x + 33$ when $x = 49$

10) $(p + 9) - 12$ when $p = 10$

11) $(62 + 55) - 49$

12) $(33 - 7) - 9$

13) $(17 + 6) - 12$

14) $a + 19$ when $a = 12$

15) $(m + 22) - (9 + m)$ when $m = 31$

16) $15p = 135$

17) $(c + 28) - (17 + c)$ when $c = 19$

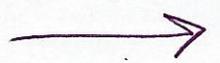
18) $x - 42$ when $x = 65$

19) $(x + 33) - 15$ when $x = 52$

20) $(13 - 7) - 2$

p7

51



NAME _____

Algebraic Expressions

Evaluate each expression if $x = 12$.

1. $x + 7$

2. $38 - x$

3. $8x$

4. $276 \div x$

5. x^2

Evaluate each expression for the given values of the variables.

6. $f - 9$ if $f = 11$

7. $p + 16$ if $p = 23$

8. $25 - g$ if $g = 12$

9. $8w$ if $w = 7$

10. $9 + 2y$ if $y = 8$

11. $6x - 3$ if $x = 4$

12. $42n - 31$ if $n = 4$

13. $b \div 3 + b$ if $b = 6$

14. $5j + 7 + j$ if $j = 14$

15. h^3 if $h = 5$

16. $80 - a^2$ if $a = 7$

17. $y^4 + 3y$ if $y = 2$

18. $3m + m^2$ if $m = 10$

19. $d^5 - 12d$ if $d = 2$

20. $3k + k^2 + k \div 2$ if $k = 4$