

NAME _____

DATE _____

EVALUATE EXPRESSIONS: Worksheet 1

Evaluate each expression.

1) lw $l = 6, w = 9$

2) $\frac{1}{2}bh$ $b = 12, h = 6$

3) $2x^3$ $x = 3$

4) $ab + c$ $a = 3, b = -5, c = 6$

5) $\frac{3a}{t}$ $a = 8, t = 6$

6) $\frac{a^2 + b^2}{4}$ $a = 5, b = -2$

7) $4y^2 - x$ $x = 3, y = 5$

8) πr^2 $\pi = 3.14, r = 4$

9) $\frac{5}{9}(F - 32)$ $F = 68$

10) $\frac{a + b + c}{2}$ $a = -6, b = -5, c = 1$

KEY

EVALUATE EXPRESSIONS: Worksheet 1

Evaluate each expression.

1) lw $l = 6, w = 9$ $lw = 54$

2) $\frac{1}{2}bh$ $b = 12, h = 6$ $\frac{1}{2}bh = 36$

3) $2x^3$ $x = 3$ $2x^3 = 54$

4) $ab + c$ $a = 3, b = -5, c = 6$ $ab + c = -9$

5) $\frac{3a}{t}$ $a = 8, t = 6$ $\frac{3a}{t} = 4$

6) $\frac{a^2 + b^2}{4}$ $a = 5, b = -2$ $\frac{a^2 + b^2}{4} = 7\frac{1}{4}$

7) $4y^2 - x$ $x = 3, y = 5$ $4y^2 - x = 97$

8) πr^2 $\pi = 3.14, r = 4$ $\pi r^2 = 50.24$

9) $\frac{5}{9}(F - 32)$ $F = 68$ $\frac{5}{9}(F - 32) = 20$

10) $\frac{a + b + c}{2}$ $a = -6, b = -5, c = 1$ $\frac{a + b + c}{2} = -5$