

**FINAL REVIEW WORKSHEET
INTRODUCTORY ALGEBRA**

Chapter 1.

1. Change the following to an algebraic expression: a number multiplied by three hundred fifty-two

- (A) $352 - x$ (B) $352x$ (C) $352 + x$ (D) $\frac{352}{x}$

2. Change the following to an algebraic expression: a number increased by eleven

- (A) $11x$ (B) $11 - x$ (C) $x + 11$ (D) $\frac{11}{x}$

3. Evaluate $(y - 1)^2$ for $y = -6$.

- (A) -7 (B) 49 (C) 25 (D) -49

4. Evaluate $\frac{2x-3y}{3}$ for $x = 6$ and $y = -1$.

- (A) 3 (B) -3 (C) 5 (D) -5

5. Use the commutative law of addition to write an expression equivalent to $a + 2b$

- (A) $a + b \cdot 2$ (B) $2b + a$ (C) $(a + b)2$ (D) $2ab$

6. Use the associative law of multiplication to write an expression equivalent to $(2s)t$

- (A) $2s + 2t$ (B) $(s2)t$ (C) $t(2s)$ (D) $2(st)$

7. Multiply: $-7(b - 5)$

- (A) $-7b + 35$ (B) $7b + 35$ (C) $-35b - 7$ (D) $-7b - 5$