

Expressions

Math 2 Worksheet 1-B

1. Multiply each expression by 2.

a) $\frac{6x-3x}{4xy}$

b) $8x^2 - 10x + 4\sqrt{6}$

2. Divide each expression by 2.

a) $\frac{6x-3x}{4xy}$

b) $8x^2 - 10x + 4\sqrt{6}$

3. Simplify each expression.

a) $\frac{6x-3x}{4xy}$

b) $\frac{48x^4y^6 + 18x^8y^6 - 120x^2y}{30x^{10}z + 18x^8y^6 + 60x^9y^4}$

4. Fill in the following table.

Polynomial	Type	Leading Coefficient
a) $5x^2 + x^3$		
b)	quadratic trinomial	
c)		-1
d) $3x^6 - 0.85x^9 + 10$		
e) $\frac{x}{2}$		

5. Evaluate.

a) 2^{50}

b) 0.2^{50}