

GCF & Quadratic Formula Station

1) Find the GCF and solve.

$$16x^4 - 8x^3 + 12x^2 = 0$$

3) Find the GCF and solve.

$$8x^3 + 16x^2 + 20x = 0$$

2) Find the GCF and solve.

$$3x^3 - 15x^2 + 24x$$

4) Find the GCF and solve.

$$3x^4 + 18x^3 + 36x^2 = 0$$

Solve Using the Quadratic Formula Station

1) Solve

$$4x^2 + 8x + 10 = 0$$

3) Solve

$$5x^2 + 8x + 5 = 0$$

2) Solve

$$2x^2 - 6x - 3 = 0$$

4) Solve.

$$-8x^2 - 6x - 9 = 0$$

Simplify the Square Root

1) Simplify $\sqrt{-112}$

4) Simplify $\sqrt{540}$

2) Simplify $\sqrt{-60}$

5) Simplify $\sqrt{117}$

3) Simplify $\sqrt{-76}$

6) Simplify $\sqrt{245}$

Simplify the Complex Numbers

1) $(4 + 2i) - (8 + 6i)$

2) $(4 + 2i)(8 + 6i)$

3) $(12 - 4i) + (7 - 6i)$

4) $(5 - 9i)(8 + 3i)$

5) $6i(4 - 8i)$

6) $4(2i^2 + 3i - 4)$

7) $(12 + 16i) - (4 - 10i)$

8) $18 + i - (14 - 2i)$