



Name: _____

Date: _____

Divide each polynomial.

Solve for x. Show your work.

1.
$$\frac{x^2 + 5x + 6}{x + 2}$$

2.
$$\frac{x^2 + 8x + 12}{x + 2}$$

3.
$$\frac{x^2 + 6x + 8}{x + 4}$$

4.
$$\frac{x^2 + 5x + 4}{x + 4}$$

5.
$$\frac{x^2 + 6x + 5}{x + 1}$$

6.
$$\frac{x^2 + 3x + 2}{x + 2}$$

7.
$$\frac{x^2 + 7x + 12}{x + 3}$$

8.
$$\frac{x^2 + 7x + 12}{x + 4}$$



Divide each polynomial. – Answer Key

$$1. \frac{x^2 + 5x + 6}{x + 3}$$

$$2. \frac{x^2 + 8x + 12}{x + 6}$$

$$3. \frac{x^2 + 6x + 8}{x + 2}$$

$$4. \frac{x^2 + 5x + 4}{x + 1}$$

$$5. \frac{x^2 + 6x + 5}{x + 5}$$

$$6. \frac{x^2 + 3x + 2}{x + 1}$$

$$7. \frac{x^2 + 7x + 12}{x + 4}$$

$$8. \frac{x^2 + 7x + 12}{x + 3}$$