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Dividing Polynomials

Practice Worksheet A

1 Practice Problems

Find each quotient by dividing the polynomials.

1) $(x^2 + 3x + 2) \div (x + 1)$

5) $(2x^2 + 3x - 4) \div (x + 1)$

2) $(x^2 - 5x + 6) \div (x - 2)$

6) $(2x^2 + 5x + 3) \div (2x + 1)$

3) $(x^2 + 6x + 9) \div (x + 3)$

7) $(4x^2 - 6x + 8) \div (2x - 4)$

4) $(x^2 - 2x - 8) \div (x - 4)$

8) $(6x^2 - 10x - 12) \div (2x - 3)$

Dividing Polynomials

Practice Worksheet A

1 Practice Problems

Find each quotient by dividing the polynomials.

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$x + 2$

5) $(2x^2 + 3x - 4) \div (x + 1)$

$2x - 1$

2) $(x^2 - 5x + 6) \div (x - 2)$

$x - 3$

6) $(2x^2 + 5x + 3) \div (2x + 1)$

$x + 1$

3) $(x^2 + 6x + 9) \div (x + 3)$

$x + 3$

7) $(4x^2 - 6x + 8) \div (2x - 4)$

$2x + 1$

4) $(x^2 - 2x - 8) \div (x - 4)$

$x + 2$

8) $(6x^2 - 10x - 12) \div (2x - 3)$

$3x + 2$