

Name : _____

Factoring Quadratics Expressions

Factor each completely if possible.

1. $5x^2 - x - 18$

2. $s^2 - 16s + 63$

3. $x^2 + x - 20$

4. $x^2 + x - 90$

5. $9x^2 + 7x - 56$

6. $10x^2 + 31x + 3$

7. $9x^2 - 91x + 10$

8. $x^2 + 16x + 60$

9. $5x^2 + 5x$

10. $n^2 - 9n$

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Factoring Quadratics Expressions

Answers

1. $5x^2 - x - 18$

$(5x + 9)(x - 2)$

2. $s^2 - 16s + 63$

$(s - 9)(s - 7)$

3. $x^2 + x - 20$

$(x - 4)(x + 5)$

4. $x^2 + x - 90$

$(x - 9)(x + 10)$

5. $9x^2 + 7x - 56$

Not factorable

6. $10x^2 + 31x + 3$

$(x + 3)(10x + 1)$

7. $9x^2 - 91x + 10$

$(x - 10)(9x - 1)$

8. $x^2 + 16x + 60$

$(x + 6)(x + 10)$

9. $5x^2 + 5x$

$5x(x + 1)$

10. $n^2 - 9n$

$n(n - 9)$