

## Quadratic Formula Review NOTES

Why/When:	<u>Quadratic Formula</u>
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Use the quadratic formula to find the roots.

### 2 Real

1.  $y = 3x^2 + 5x - 8$

2.  $y = 5x^2 - 10x + 2$

### 2 Real (1 double root)

3.  $y = 49x^2 - 14x + 1$

4.  $y = 16x^2 + 24x + 9$

## 2 Imaginary

5.  $y = 4x^2 + 6x + 5$

6.  $y = 3x^2 - 4x + 8$

Find the number and type of roots using the quadratic formula.

7.  $y = 9x^2 - 6x - 4$

8.  $y = 4x^2 - 12x + 25$