## **Nature of the Roots**

3)

4)

1) If the quadratic equation  $-6m^2 + 2\sqrt{3}m + n = 0$  has unreal roots, what are the possible values of n?

2) Find the value of r if the equation  $9a^2 + ra + 1 = 0$  has real roots

## Preview

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5) What are the values of b if the quadratic equation  $bc^2 - 6\sqrt{2}c + 2 = 0$  has real roots?