Nature of the Roots

Use the discriminant to find the nature of the roots.

1)
$$4c^2 + 6 = 0$$

2)
$$m^2 + 4m + 4 = 0$$

3)

Preview

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5)

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7)
$$7p^2 - 3p - 5 = 0$$

8)
$$5y^2 - y + 9 = 0$$