S4 Nat 5 Homework

1. Solve:
2. x (x + 3) = 0 b) x (x – 1) = 0 c) 3x (x + 2) = 0

d) (x + 3) (x - 4) = 0

1. Solve:
2. x2 + 4x = 0 b) x2 – 25 = 0 c) x2 – 7x – 30 = 0
3. Solve 2x2 + 8x + 1 = 0 using the quadratic formula, rounding your answers correct to 2 dp
4. Find the discriminant of x2 – 8x + 16 = 0 and determine the nature of the roots.
5. Find the discriminant of 3x2 + 2x + 7 = 0 and determine the nature of the roots.

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