



Make x the subject of $y = \sqrt[3]{x^5}$

Simplify

$$\sqrt{48} + \sqrt{300}$$

The curve $y = x^2 - 3x - 4$ is reflected in the x -axis.

Find the equation of the new curve.

Solve the simultaneous equations

$$2x = 6 - y$$

$$x^2 + y^2 = 8$$

The n th term of a sequence is $n^2 - 4n + 5$

By using completing the square, show that every term is positive.