Corbettmaths

Simplify

$$\frac{x^2 - 4x}{4x^3}$$

Work out

$$64^{\frac{3}{2}}$$

Work out

$$\left(2\frac{1}{4}\right)^{\frac{1}{2}}$$

The sum of the interior angles in a polygon is 7380°.

Calculate the number of sides the polygon has.

Expand and simplify

$(2x + 1)(x + 3)(x + 1)$

In a box, the ratio of green beads to purple beads is 3:5

15 green beads are removed from the box and replaced with 15 purple beads.

The ratio of green beads to purple beads is now 1:2

How many beads are in the box?