17th October

**Simplify**

\[
\frac{x^2 + 3x}{3x^2}
\]

**Work out**

\[
16^{\frac{3}{2}}
\]

**Evaluate**

\[
\left(\frac{16}{25}\right)^{\frac{1}{2}}
\]

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

Calculate the number of sides the polygon has.

Expand and simplify

\[(2x + 1)(x + 3)(x + 1)\]

Matthew is playing darts. The probability he hits a bullseye is 0.4

Matthew throws two darts.

Find the probability Matthew does not hit the bullseye with either dart

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