

12th January

Corbettmaths

Factorise fully

$$6a^5b^2 - 12a^8b^3 + 9a^6b^4$$

Write down the limiting value of $\frac{2n}{5n+4}$
as $n \rightarrow \infty$

Solve $2 + \sin\theta = 1.15$ for
 $0^\circ \leq \theta \leq 360^\circ$

Work out the equation of the normal to
the curve $y = 2x^2 - 4x + 3$
at the point (2, 3)

Give your answer in the form
 $y = mx + c$