

19th April

Corbettmaths

$$f(x) = \frac{8}{x} \quad g(x) = x - 7$$

Solve $fg(x) = x$

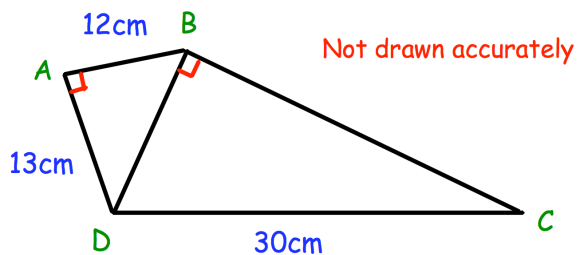
Write the following as a single fraction, in its simplest form.

$$\frac{7}{6a} + \frac{a^2}{8}$$

Factorise $15x^2 + 32x + 16$

Hence factorise

$$15(y - 7)^2 + 32(y - 7) + 16$$



Calculate the area of triangle BCD