

30th July

Corbettmaths

$$W = \frac{a^3}{4c}$$

$a = 15.4$ correct to 1 decimal place
 $c = 20$ correct to 2 significant figures.

Find the upper bound for W

Write as a single fraction

$$\frac{1-x}{x+7} - \frac{4}{x-2}$$

Given

$$x^2 : (10x + 48) = 1 : 3$$

Find the possible values of x

There are x apples in a crate.
2 of the apples are bad.

Jesse chooses two apples from the
crate, without replacement.

The probability that he selects two

bad apples is $\frac{1}{28}$

Prove $x^2 - x - 56 = 0$

Find x