



A 1kg bag of rice contains 50000 grains.

Work out the average mass of 1 grain of rice.

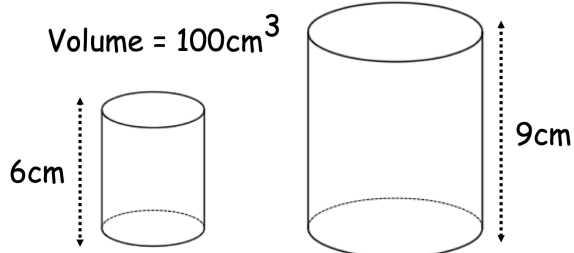
Give your answer in standard form.

Write as a single power of 5.

$$\left(\frac{5^3 \times 5^{11}}{5^2} \right)^4$$

A bag contains 1200 beads.
They are red, yellow, pink and white.
The probability of picking a red is 0.06
The ratio of yellow to pink beads is 5:3
There are 744 white beads.

Find the ratio of white to pink beads



Find the volume of the larger cylinder.

Expand and simplify

$$(x - 5)(x - 4)^2$$