6th December

Corbettmaths

Give an example of a "discrete variable"

shoe size

$5^{-2} \div \sqrt[4]{81}$

$\frac{1}{25} \div 3$

$\frac{1}{25} \div \frac{3}{1}$

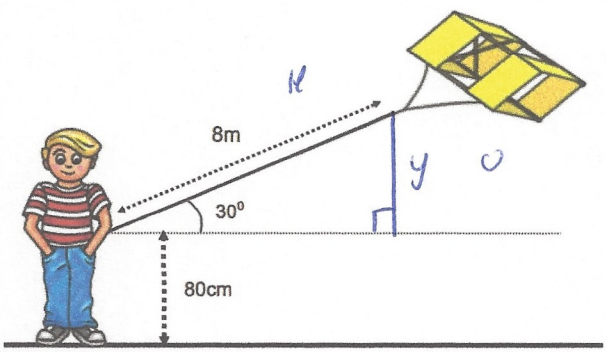
$\frac{1}{25} \times \frac{1}{3} = \frac{1}{75}$

There are approximately 5×10^4 grains of rice in a one kilogram bag of rice.
Approximately how many grains of rice will be in 20 one kilogram bags of rice?

one bag: 50000

$50000 \times 20 = 1000000$

1×10^6



The string is held 80cm above the ground.
The kite is on a string which is 8m long.
The string makes an angle of 30° with the horizontal.

Calculate the height of the kite above the ground.

$y = \sin(30) \times 8$

$= 4m$

$4.8m$