

## #abitofmathseveryday

A roller coaster

took 3 minutes

to cover 2.5 miles.

What was

March CfE 4th Level Calendar

5 6 Multiply out the

Calculate the Factorise range of the the following following expression... data set... 20 - 16m4, 1, -3, 7, 0, -5

following brackets and simplify... 4(2x-6)+19

Calculate Express  $\frac{14}{15}$  as  $314 \times 159$ a decimal

following equation... 8x + 15 = 4 - 3x13 pound | 453.59 a 6.35 kg stone |

A heavy weight

boxer weighs

7

Calculate

Solve the

8 Asda Aldi 86° Calculate 240 94° the 90 m 60 m Tesco 60° shoppers area of this asked. trapezium. How many went to Aldi? 15 The circumference of this

pie is

62.8 cm.

The following signs

are mathematically

Area = 324 cm2

similar.

20

Calculate

the

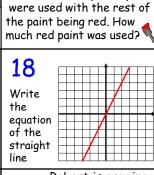
10 Increase 40 cm by 30% Which is more

likely? Picking a

club from a pack of

playing cards or

it's average speed? 17 Calculate the length of the missing 43 cm side.



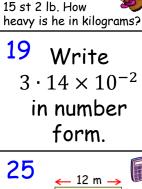
Different colours of

paint were used for

a 10 litre mixture.

6.81 litres of blue paint and

2.059 litres of yellow paint



Calculate it's  $(9-7)^2 \div \sqrt{16}$ diameter. Calculate the gradient of this escalator... Calculate  $8792 \div 28$ 

27

72m

Calculate

getting a score of more than 4 from rolling a dice. Buttons are 22 manufactured that must have a diameter with a tolerance of  $(10 \pm 1.2)$  mm. What

x cmFind the 'nth' term for the following sequence and hence find the 10th term; 7, 11, 15, ...

A standard bottle of

wine could

be poured

from a

standard

bottle?

wine holds  $\frac{3}{4}$  litre.

How many 175 ml glasses of

Robert is growing 25 a sunflower. One week its height increased from 48 cm to Calculate 8 m the area of this shape...

′143°

Calculate the size of the missing angle.  $120 \, m$ 

are the minimum and maximum diameters that are acceptable? 28 Calculate the volume of this shape 12 cm

60 cm. Calculate the percentage increase in the sunflower's height. 30 Calculate the size of the missing angles...

Calculate the 31 length of the missing side. 33 m50 m