ChirpyLearn

Maths That Happens Off the *Screen*

Chirpy Learn is the maths program designed to get children away from screens and into real learning. With printable worksheets, hands-on activities, and guided online support only when they need it, your child builds genuine mathematical confidence - pen in hand, not glued to a device.

Tailored to *Every* Learner

Chirpy Learn generates unlimited worksheets matched to your child's level - encouragement when they need a boost, fresh challenges when they're ready.

Confidence Through *Understanding*

Many children struggle with maths because they click through answers without understanding why. Chirpy Learn breaks that cycle.

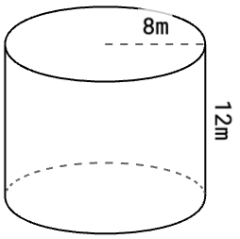
By working through problems on paper, children slow down, think carefully, and build genuine understanding - the kind that sticks long after the screen is off.

Ready to Take Maths Off the Screen?

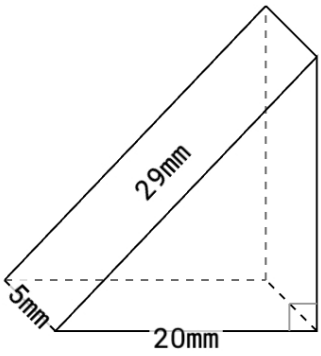
chirpylearn.com

There were 3 red, 4 blue and 5 green marbles in a bag. Jade picked two marbles out of the bag.
What is the chance that both marbles were red?

Find the volume of the cylinder.



Calculate the volume of the triangular prism.



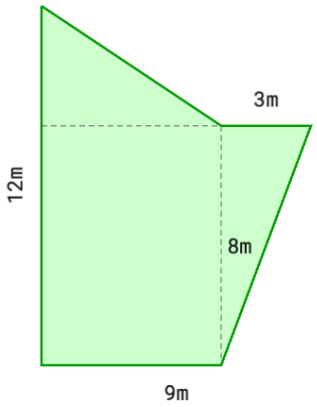
A shop orders bread every 7 days and milk every 8 days. Both are ordered today. In how many days will both be ordered on the same day again?

Multiples of 7:

Multiples of 8:

Answer: days

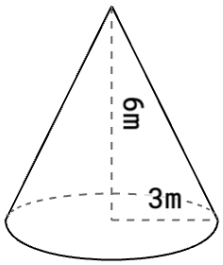
Work out the missing dimensions.
Then calculate the length of a fence perimeter and the area of the grass within.
Round your answer to 1 decimal place.



Fence (perimeter) =

Grass (area) =

Find the volume of the cone.



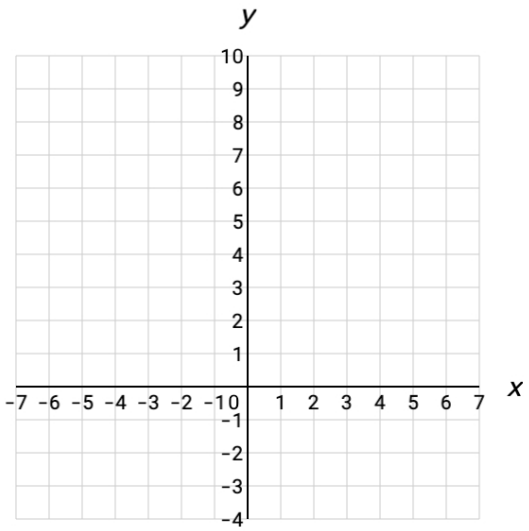
Calculate the Probability
Remember to simplify fractions.

Jessica draws a card from a standard 52-card deck.
What is the probability of drawing a 10 or a diamond?

Complete the table using the formula. Then plot the points and draw a line through them.

$$y = 2x/3 + 3$$

x	-6	-3	0	3	6
y					



Read the story and solve for each of the variables.

The combined age of Tom, Sam and Lucy is **61** years. Tom is 16 years older than Sam and lucy is 3 times as old as Sam. How old is each person?

Let T = Tom's age
Let S = Sam's age
Let L = Lucy's age

Express the Total: ____

Write T in terms of S: T = ____

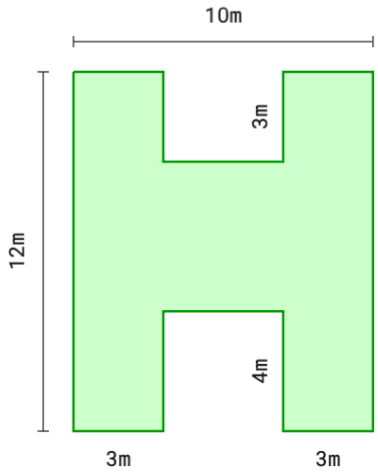
Write L in terms of S: L = ____

Express the total in terms of S:

____ + ____ + ____ = 61

S = ____ T = ____ L = ____

Work out the missing dimensions. Then calculate the length of a fence perimeter and the area of the grass within.



Fence (perimeter) = ____

Grass (area) = ____

Evaluate the following expressions given:

x = 6
b = 11
d = 2
y = 2

$2x - y =$ ____

$x^y + 3b =$ ____

$2x^2 - 3d =$ ____

$\frac{x^2}{d} =$ ____

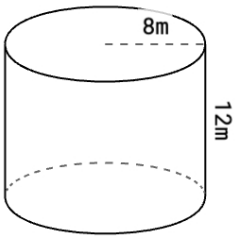
$b^y + 3x =$ ____

$3b + 2y =$ ____

There were 3 red, 4 blue and 5 green marbles in a bag. Jade picked two marbles out of the bag.
What is the chance that both marbles were red?

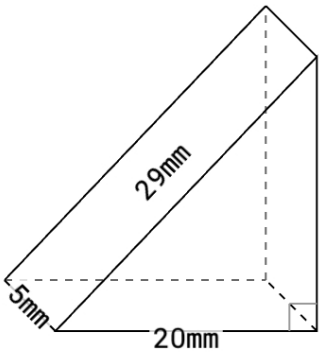
3/12 × 2/11 = 6/132 = 1/22

Find the volume of the cylinder.



V = πr²h
= 3.14 × 8² × 12
= 2411.52m³

Calculate the volume of the triangular prism.



Pythagoras:
29² - 20² = height²
841 - 400 = height²
height = √441 = 21mm

Volume:
½ × 20 × 21 × 5
= 1050mm³

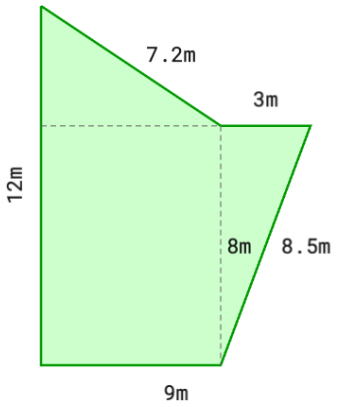
A shop orders bread every 7 days and milk every 8 days. Both are ordered today. In how many days will both be ordered on the same day again?

Multiples of 7: 7,14,21,28,35,42,49,56,63,70

Multiples of 8: 8,16,24,32,40,48,56,64,72,80

Answer: 56 days

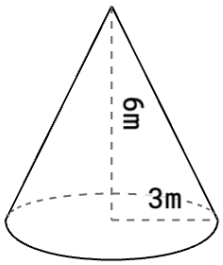
Work out the missing dimensions. Then calculate the length of a fence perimeter and the area of the grass within. Round your answer to 1 decimal place.



Fence (perimeter) = 36.7m

Grass (area) = 72.0m²

Find the volume of the cone.



V = (1/3) × πr²h
= (1/3) × 3.14 × 3² × 6
= (1/3) × 169.56
∴ V = 56.52m³

Calculate the Probability
Remember to simplify fractions.

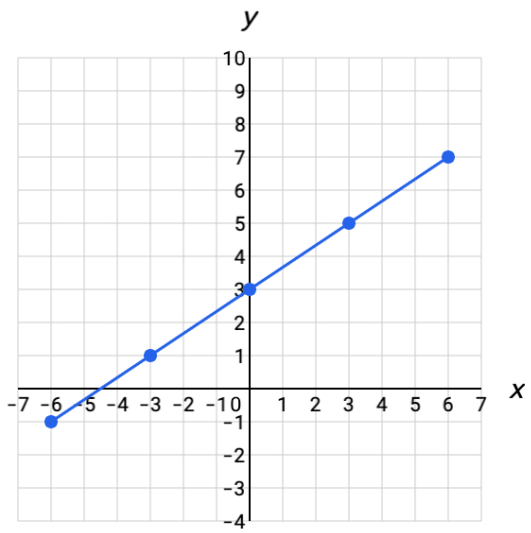
Jessica draws a card from a standard 52-card deck.
What is the probability of drawing a 10 or a diamond?

16/52 = 4/13

Complete the table using the formula. Then plot the points and draw a line through them.

$$y = 2x/3 + 3$$

x	-6	-3	0	3	6
y	-1	1	3	5	7



Read the story and solve for each of the variables.

The combined age of Tom, Sam and Lucy is **61** years. Tom is 16 years older than Sam and lucy is 3 times as old as Sam. How old is each person?

Let T = Tom's age
Let S = Sam's age
Let L = Lucy's age

Express the Total: T + S + L = 61

Write T in terms of S: T = S + 16

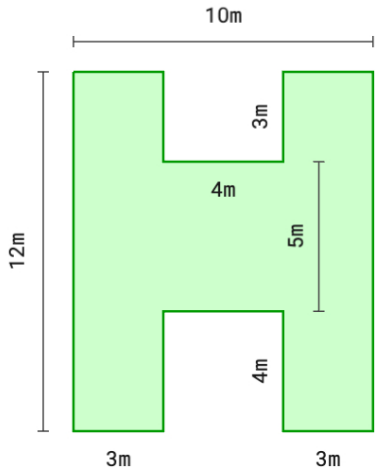
Write L in terms of S: L = 3S

Express the total in terms of S:

S + 16 + 3S + S = 61

S = 9 T = 25 L = 27

Work out the missing dimensions. Then calculate the length of a fence perimeter and the area of the grass within.



Fence (perimeter) = 58m

Grass (area) = 92m²

Evaluate the following expressions given:

x = 6
b = 11
d = 2
y = 2

$2x - y =$ 10

$x^y + 3b =$ 69

$2x^2 - 3d =$ 66

$\frac{x^2}{d} =$ 18

$b^y + 3x =$ 139

$3b + 2y =$ 37