



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?

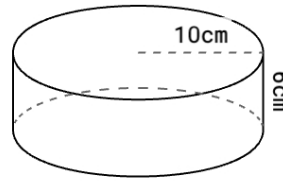


chirpylearn.com

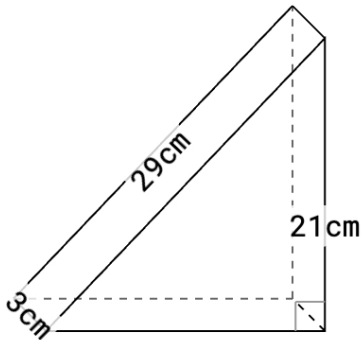


There were 5 red, 3 blue and 6 green marbles in a bag. John picked two marbles out of the bag.
What is the chance that neither of the marbles were green?

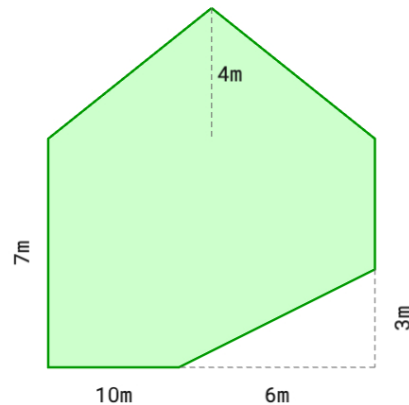
Find the volume of the cylinder.



Calculate the volume of the triangular prism.



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) =

Hot dogs come in packs of 5. Buns come in packs of 8. What is the smallest number of each you need so you have equal amounts of hot dogs and buns?

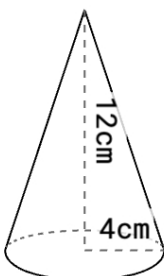
Multiples of 5:

Multiples of 8:

Answer: packs of hot dogs

packs of buns

Find the volume of the cone.



Calculate the Probability
Remember to simplify fractions.

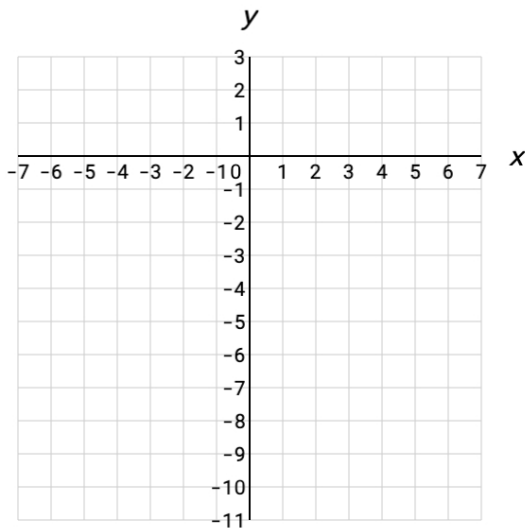
Jasmine draws two cards from a standard 52-card deck.
What is the probability that both are face cards?



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

$$y = 3x - 4$$

x	-2	-1	0	1	2
y					



Read the story and solve for
each of the variables.

The combined age of Mia, Emma and Jack is **50** years. Mia is 10 years older than Emma and Jack is half the age of Emma. How old is each person?

Let M = Mia's age

Let E = Emma's age

Let J = Jack's age

Express the Total:

Write M in terms of E: M =

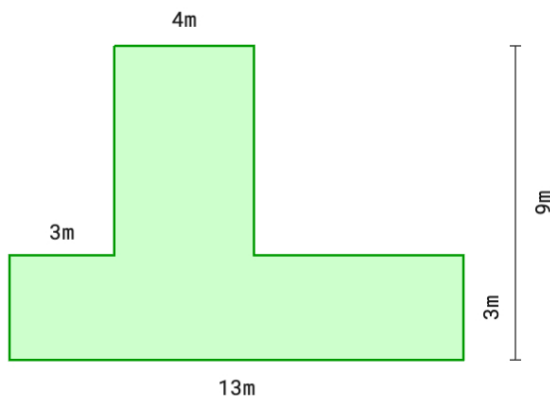
Write J in terms of E: J =

Express the total in terms of E:

$$\boxed{} + \boxed{} + \boxed{} = 50$$

$$E = \boxed{} \quad M = \boxed{} \quad J = \boxed{}$$

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:

$$x = 11$$

$$b = 9$$

$$c = 4$$

$$d = 2$$

$$xb - d = \boxed{}$$

$$2x + 3b = \boxed{}$$

$$b^2 + 3c = \boxed{}$$

$$2b + c = \boxed{}$$

$$2x - d = \boxed{}$$

$$b^d - c = \boxed{}$$

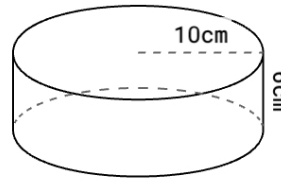


There were 5 red, 3 blue and 6 green marbles in a bag. John picked two marbles out of the bag.

What is the chance that neither of the marbles were green?

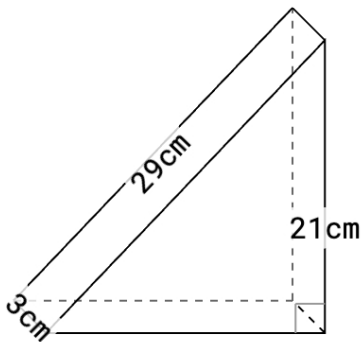
$$8/14 \times 7/13 = 56/182 = 4/13$$

Find the volume of the cylinder.



$$\begin{aligned} V &= \pi r^2 h \\ &= 3.14 \times 10^2 \times 6 \\ &= 1884.00 \text{cm}^3 \end{aligned}$$

Calculate the volume of the triangular prism.



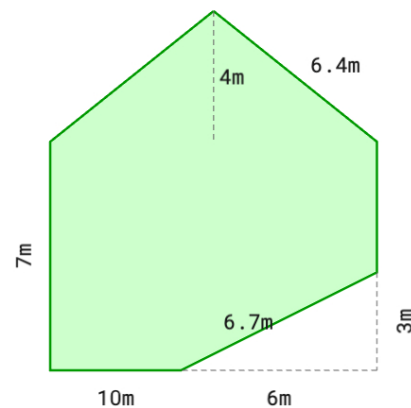
Pythagoras:

$$\begin{aligned} 29^2 - 21^2 &= \text{base}^2 \\ 841 - 441 &= \text{base}^2 \\ \text{base} &= \sqrt{400} = 20 \text{cm} \end{aligned}$$

Volume:

$$\begin{aligned} \frac{1}{2} \times 20 \times 21 \times 3 \\ &= 630 \text{cm}^3 \end{aligned}$$

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) = 34.5m

Grass (area) = 81.0m²

Hot dogs come in packs of 5. Buns come in packs of 8. What is the smallest number of each you need so you have equal amounts of hot dogs and buns?

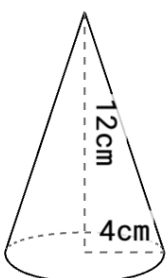
Multiples of 5: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

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

Answer: 8 packs of hot dogs

5 packs of buns

Find the volume of the cone.



$$\begin{aligned} V &= (1/3) \times \pi r^2 h \\ &= (1/3) \times 3.14 \times 4^2 \times 12 \\ &= (1/3) \times 602.88 \\ \therefore V &= 200.96 \text{cm}^3 \end{aligned}$$

Calculate the Probability
Remember to simplify fractions.

Jasmine draws two cards from a standard 52-card deck.
What is the probability that both are face cards?

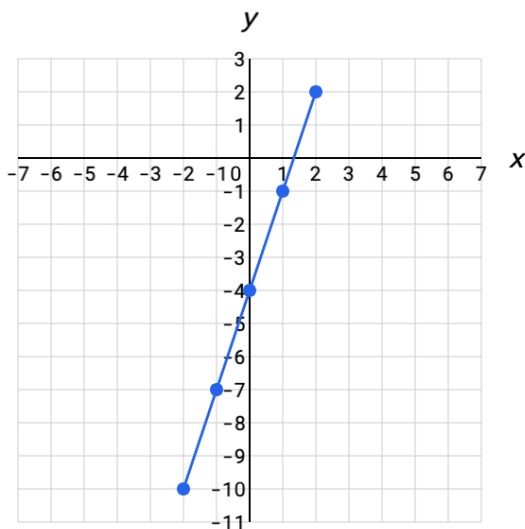
$$11/221$$



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

$$y = 3x - 4$$

x	-2	-1	0	1	2
y	-10	-7	-4	-1	2



Read the story and solve for
each of the variables.

The combined age of Mia, Emma and Jack is **50** years. Mia is 10 years older than Emma and Jack is half the age of Emma. How old is each person?

Let M = Mia's age

Let E = Emma's age

Let J = Jack's age

Express the Total: $M + E + J = 50$

Write M in terms of E: $M = E + 10$

Write J in terms of E: $J = E / 2$

Express the total in terms of E:

$$E + 10 + E / 2 + E = 50$$

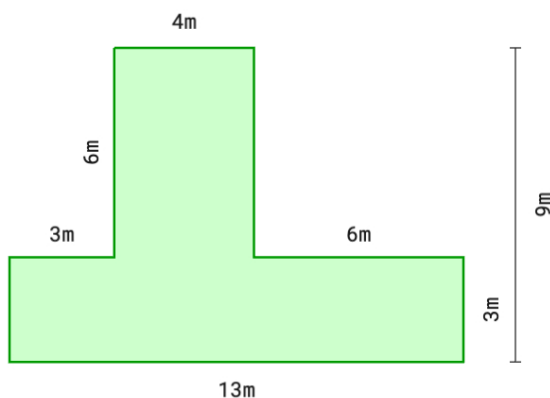
$$2.5E + 10 = 50$$

$$2.5E = 50 - 10 = 40$$

$$E = 40 \div 2.5 = 16$$

$$E = 16 \quad M = 26 \quad J = 8$$

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



$$\text{Fence (perimeter)} = 44\text{m}$$

$$\text{Grass (area)} = 63\text{m}^2$$

Evaluate the following expressions given:

$$x = 11$$

$$b = 9$$

$$c = 4$$

$$d = 2$$

$$xb - d = 97$$

$$2x + 3b = 49$$

$$b^2 + 3c = 93$$

$$2b + c = 22$$

$$2x - d = 20$$

$$b^d - c = 77$$