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

Add each pair of fractions and simplify if needed

$\frac{2}{5} + \frac{1}{5} = \frac{\square}{\square}$

$\frac{4}{7} + \frac{2}{5} = \frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$

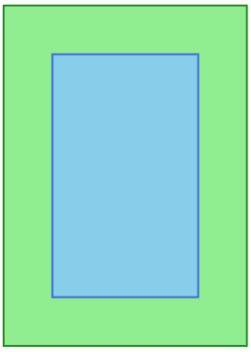
$\frac{5}{7} + \frac{3}{7} = \frac{\square}{\square} = \square\frac{\square}{\square}$

$\frac{3}{5} + \frac{4}{7} = \frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square} = \square\frac{\square}{\square}$

$\frac{1}{4} + \frac{1}{4} = \frac{\square}{\square} = \frac{\square}{\square}$

Jill wants to build a pool in their garden. Their garden is **5m** by **7m** in size. They want to ensure there is a **1m** strip of grass around the pool.

Help Jill with the following calculations:



Total Garden Area =

Pool Area =

Grass Area =

Jacob earned $**11** walking dogs, then spent $**7** on candy.

Now Jacob has $**30**.

How much money did Jacob start with?

Jill made a lemonade stand. They bought sugar for **44c** and **6** lemons for **23c** each. Then they sold **4** cups of lemonade for **78c** each. How much profit did Jill make?

Read the story and solve for each of the variables.

There are **46** pieces of fruit in a bowl. There are 8 more bananas than oranges. How many of each fruit are there?

Let B = the number of bananas

Let O = the number of oranges

Express the Total:

Write B in terms of O: B =

Express the total in terms of O:

____ + ____ = 46

O =

B =

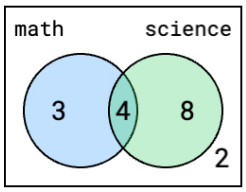
Solve the equations by multiplying the leading digits, then adding the trailing zeros.

600 × 200 =

700 × 30 =

800 × 80 =

There were 6 red, 5 blue and 5 green marbles in a bag. Jack picked one marble out of the bag.
What is the chance that the marble was neither blue nor green?



a) How many students study math?

b) How many students study both math and science?

Read the story and find the partial area.

A student designed a poster that was **8cm** by **10cm**. If a drawing covered **two-thirds** of the poster, how much space was left over for writing?

Area:

A carpenter has two planks of wood, one 32 cm long and the other 64 cm long. He wants to cut them into equal-length pieces with no wood wasted. What is the greatest possible length of each piece?

Factors of 32:

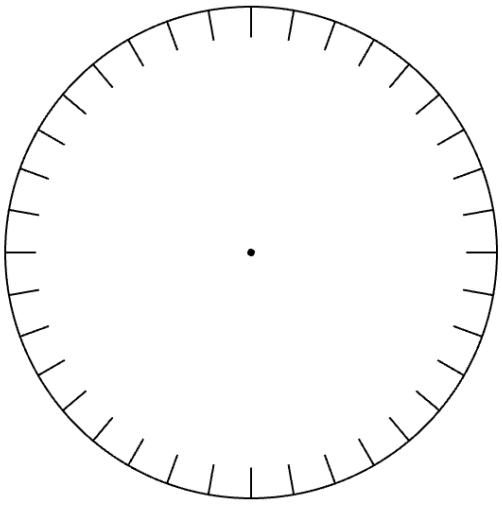
Factors of 64:

Common factors:

Answer: cm

Read the story below and complete the pie chart by drawing lines from the centre dot to divide the circle into sections.
Write the label for each section.

In a survey of 36 children about their favourite fruit, **6** chose **apples**, **10** chose **watermelon**, **4** chose **bananas**, and the rest chose **other fruits**.



Jessica bought a toy on sale.
The toy was **20%** off and the discount saved **$6**.
What was the original price?

Add each pair of fractions and simplify if needed

$\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$

$\frac{4}{7} + \frac{2}{5} = \frac{20}{35} + \frac{14}{35} = \frac{34}{35}$

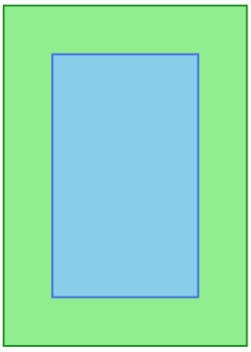
$\frac{5}{7} + \frac{3}{7} = \frac{8}{7} = 1\frac{1}{7}$

$\frac{3}{5} + \frac{4}{7} = \frac{21}{35} + \frac{20}{35} = \frac{41}{35} = 1\frac{6}{35}$

$\frac{1}{4} + \frac{1}{4} = \frac{2}{4} = \frac{1}{2}$

Jill wants to build a pool in their garden. Their garden is **5m** by **7m** in size. They want to ensure there is a **1m** strip of grass around the pool.

Help Jill with the following calculations:



Total Garden Area = 35m²

Pool Area = 15m²

Grass Area = 20m²

Jacob earned $**11** walking dogs, then spent $**7** on candy.

Now Jacob has $**30**.

How much money did Jacob start with?

$26

Jill made a lemonade stand. They bought sugar for **44c** and **6** lemons for **23c** each. Then they sold **4** cups of lemonade for **78c** each. How much profit did Jill make?

Lemon cost: 6 x 23c = **$1.38**
Total cost: 44c + $1.38 = **$1.82**
Income: 4 x 78c = **$3.12**
Profit: $3.12 − $1.82 = **$1.30**

Read the story and solve for each of the variables.

There are **46** pieces of fruit in a bowl. There are 8 more bananas than oranges. How many of each fruit are there?

Let B = the number of bananas
Let O = the number of oranges

Express the Total: B + O = 46

Write B in terms of O: B = O + 8

Express the total in terms of O:

O + 8 + O = 46

O = 19 B = 27

Solve the equations by multiplying the leading digits, then adding the trailing zeros.

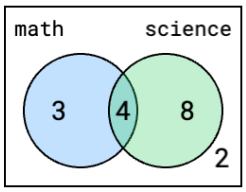
600 × 200 = 120000

700 × 30 = 21000

800 × 80 = 64000

There were 6 red, 5 blue and 5 green marbles in a bag. Jack picked one marble out of the bag.
What is the chance that the marble was neither blue nor green?

6/16 = 3/8



a) How many students study math?

7

b) How many students study both math and science?

4

Read the story and find the partial area.

A student designed a poster that was **8cm** by **10cm**. If a drawing covered **two-thirds** of the poster, how much space was left over for writing?

Area: 27 cm²

A carpenter has two planks of wood, one 32 cm long and the other 64 cm long. He wants to cut them into equal-length pieces with no wood wasted. What is the greatest possible length of each piece?

Factors of 32: 1,2,4,8,16,32

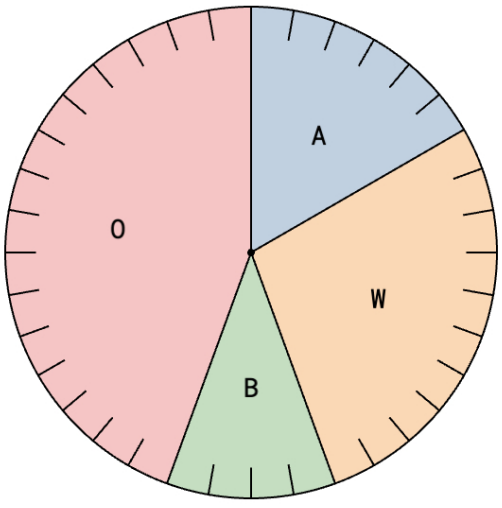
Factors of 64: 1,2,4,8,16,32,64

Common factors: 1,2,4,8,16,32

Answer: 32 cm

Read the story below and complete the pie chart by drawing lines from the centre dot to divide the circle into sections.
Write the label for each section.

In a survey of 36 children about their favourite fruit, **6** chose **apples**, **10** chose **watermelon**, **4** chose **bananas**, and the rest chose **other fruits**.



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The toy was **20%** off and the discount saved **$6**.
What was the original price?

30