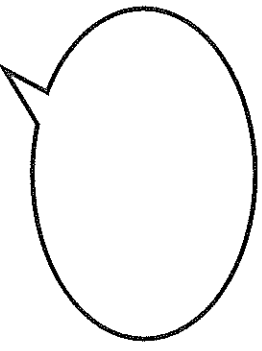
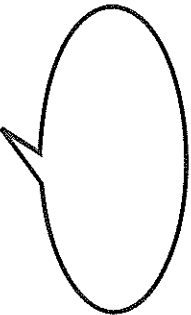
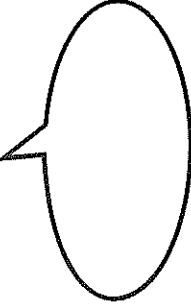
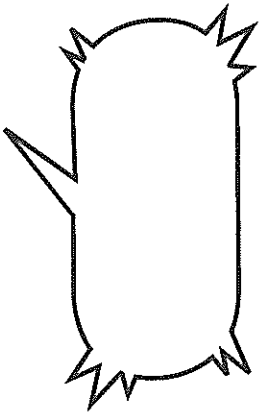


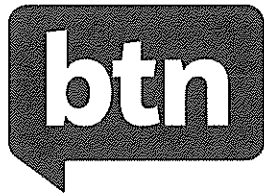
CREATE A COMIC STRIP! Design and draw your very own comic book by filling in the boxes and speech bubbles. Here's a tip: Print out multiple sheets to keep the story going!

_____ by: _____

			
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_____ by: _____

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Social Distancing

1. In your own words, explain what social distancing is.
2. How is it different to self-isolating?
3. Give some examples of social distancing.
4. What is the government doing to reduce the amount of contact people have with each other?
5. Why is social distancing important?
6. The idea with social distancing is it flattens the curve. What does that mean?
7. Schools that are still open are taking precautions to keep students safe. Give an example.
8. How can you stay connected to family and friends while social distancing?
9. Create a diagram or graphic that communicates the importance of social distancing.
10. How are you feeling about coronavirus? Share your thoughts with a friend or family member.

Italy Coronavirus Report

1. Where in Italy do Maggie and Zach live? Locate using Google Maps.
2. Why did they move to Italy?
3. Northern Italy has had the most cases of coronavirus than anywhere else in Italy. True or False?
4. The whole of Italy is in lockdown. What does that mean?
5. Finish the following sentence: The government hopes that lockdown will...
6. What sorts of things did Maggie and Zach do before the lockdown?
7. What is life like for them since the lockdown?
8. What sorts of activities do Maggie and Zach do to pass the time?
9. How do they stay connected to their friends?
10. How do Maggie and Zach feel about the lockdown?

What is a virus?

1. What did the BTN story explain?
2. Give three examples of things that are caused by viruses.
3. Viruses are one of the four families of _____.
4. What are the other three types of pathogens?
5. When were viruses first discovered?
6. What do viruses need to spread?
7. What is the name of the body's inbuilt virus defence?
8. What is a vaccination and how does it work?
9. What can you do to stop the spread of viruses?
10. Name three facts you learnt about viruses.

Check out the [What is a virus? resource](#) on the Teachers page.

Aurora Australis

1. Where is Antarctica? Locate using Google Maps.
2. What is an icebreaker?
3. What has been the icebreaker's job over the past 31 years?

4. How does the icebreaker help with scientific research?
5. What is the icebreaker's nickname?
6. Where is the icebreaker heading to for its final voyage?
7. What is the name of the new Antarctic icebreaker?
8. How did the new icebreaker get its name?
9. What does the name mean in Palawa Kani?
10. What was surprising about the BTN story?

Check out the [Aurora Australis resource](#) on the Teachers page.

Action Sports Girls

1. Briefly summarise the BTN *Action Sports Girls* story.
2. What sport do Naomi and Fenella participate in?
3. What do they say about the number of girls participating in the sport?
4. Explain the study being done into girls involvement in 'action' sports.
5. What does Dr Meredith Nash say about girls participating in 'action' sports?
6. Why have girls been discouraged from getting involved in 'riskier' sports?
7. What reasons do Naomi and Fenella give for getting involved in mountain bike riding?
8. What questions would ask Naomi and Fenella about their sport?
9. If you could choose a sport to get involved in, what would it be? Give reasons for your answer.
10. What did you like about the *Action Sports Girls* story?

Great Barrier Reef - Editing

Add editing marks to text. There are 20 errors.

The great barrier reef is the worlds lagest coral reef It is close too the coast of queensland australia. it is made up of nerly 3000 coral reefs and over 600 islands, streching over 2600 km long. It is so big, it can be scene from space!

The Great Barrier Reef is the largest structure maid by living things. because of it's enviromental significance, its has been listed as a important World Heritage Site by UNESCO.

Editing Marks:	
Capital letter	≡
End punctuation	⊙ ! ?
Insert a word	∧
Change to lower case	/l.c.
Take something out	∅
Check spelling	^{SP} ○
New paragraph	¶

Re-write the text correctly:

PODCAST response



Name: _____ Date: _____

Podcast title: _____

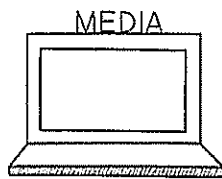
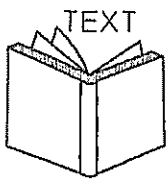
3 FACTS

Just the facts!
Remember, this is NOT an opinion

1 _____

2 _____

3 _____



CONNECT

Bubble in which connection you are making. Explain on the lines below

AHA! MOMENT

What is ONE thing that stuck with you or blew you away?



RATE ME!

PODCAST response



Name: _____ Date: _____

Podcast title: _____

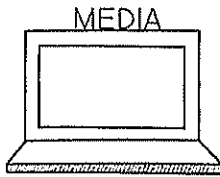
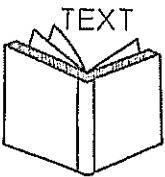
3 FACTS

Just the facts!
Remember, this is NOT an opinion

1 _____

2 _____

3 _____



CONNECT

Bubble in which connection you are making. Explain on the lines below

AHA! MOMENT

What is ONE thing that stuck with you or blew you away?



RATE ME!

Name : _____ Date: _____

s

sun

spent

z

zoo

zebra

size

I was surprised by the size of the zoo.

S

Spain

Stonehenge

Sofia

Z

New Zealand

Zambia

Zaire

Name: _____ Date: _____

n

n

run

north

car

carnival

running

The carnival is going north.

E

England

Eden

Europe

H

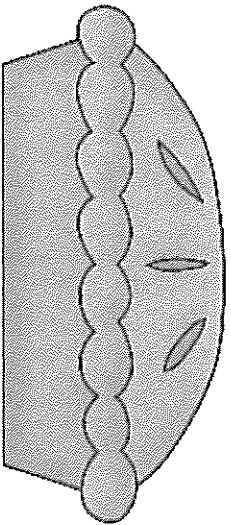
Haiti

Hans

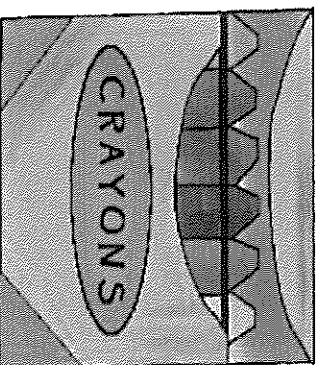
Hawaii

Simile

A simile is a comparison of two things using the words like or as.



as Sweet as pie



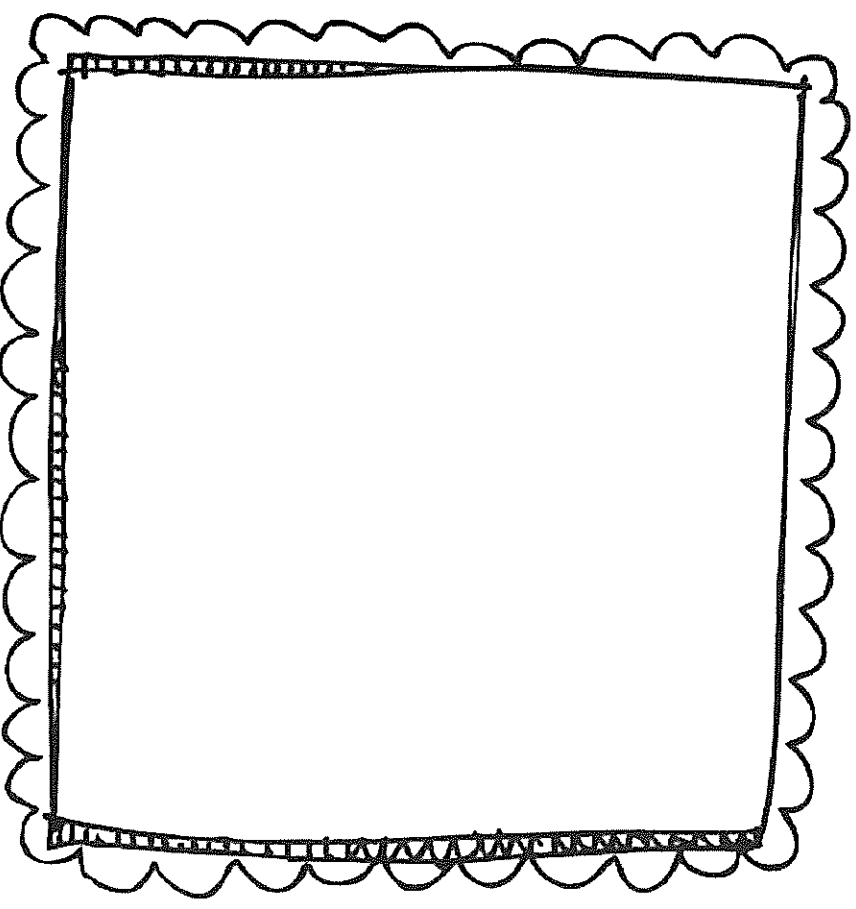
colorful like crayons

It Came from Planet Simile!

A creature from Planet Simile has just landed on Earth!

Draw a picture of the creature based upon the description below.

a body as thin as a pencil
a head as big as a watermelon
eyes as red as fire
a nose as purple as a plum
teeth as green as grass
skin as yellow as the sun
fingers as pointy as icicles
feet as square as boxes

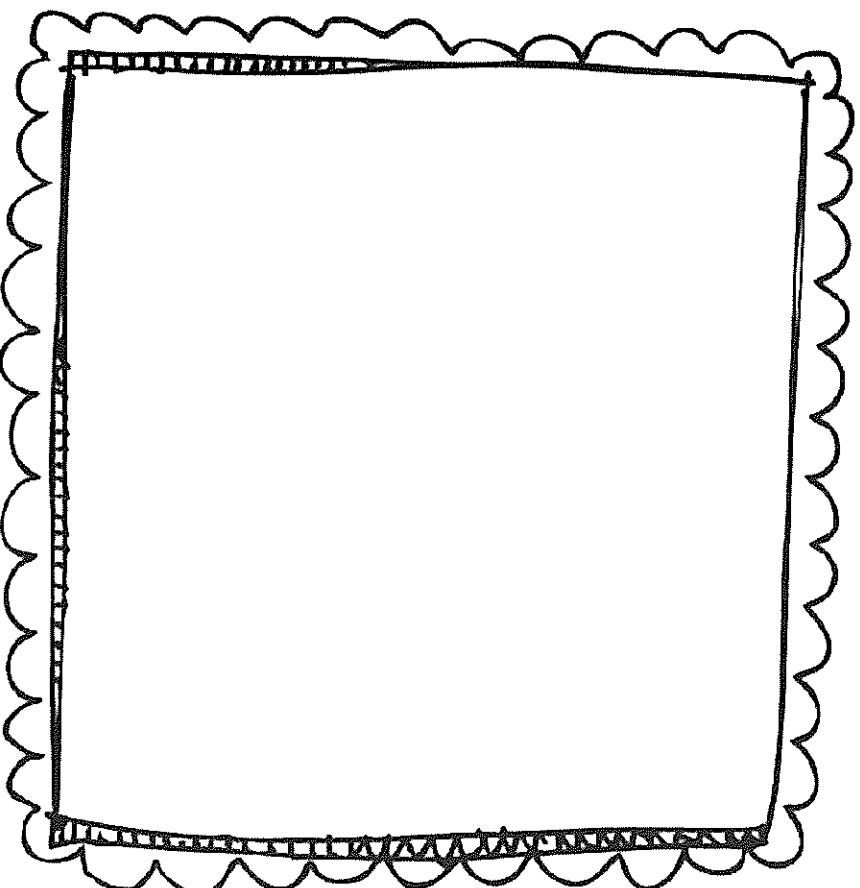


By:

It Came from Planet Simile!

A creature from Planet Simile has just landed on Earth! Finish the similes about this creature below. Then draw the creature's picture based on your description.

a body as _____ as _____
a head as _____ as _____
eyes as _____ as _____
a nose as _____ as _____
teeth as _____ as _____
skin as _____ as _____
fingers as _____ as _____
feet as _____ as _____

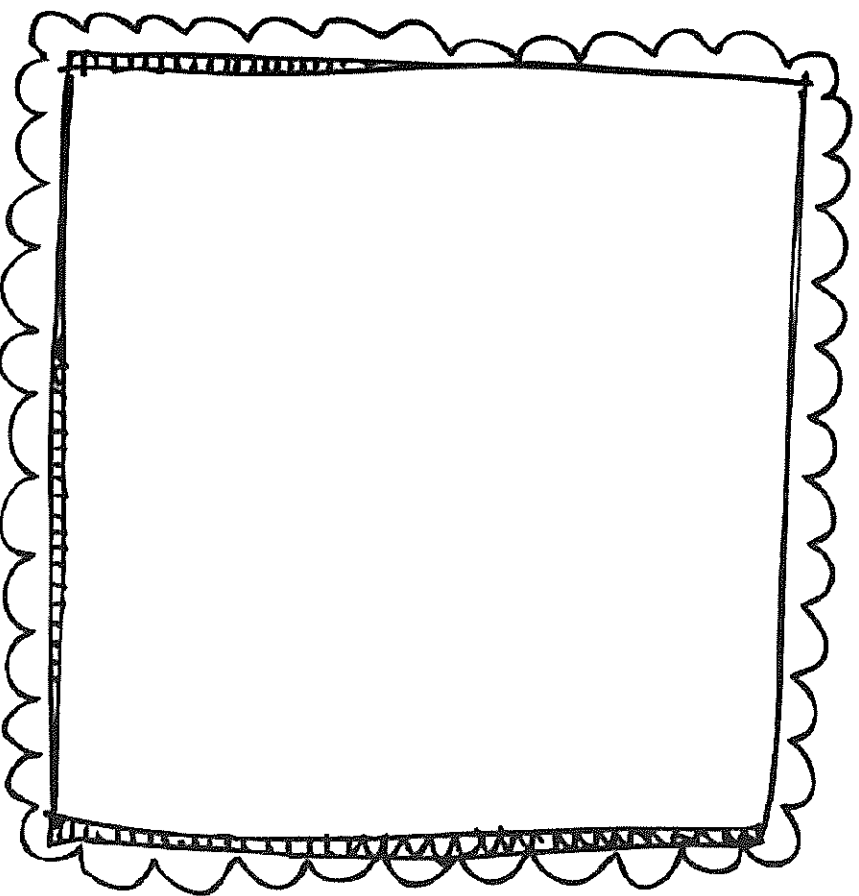


By:

It Came from Planet Simile!

A creature from Planet Simile has just landed on Earth! Write eight similes about the creature's appearance in the boxes below. Then draw the creature based on your description.

1
2
3
4
5
6
7
8



By:

Simile, Sweets Simile

Name: _____

Date: _____

Color code the gumball sentences below. If the sentence contains a simile, color the gumball yellow. If it does not contain a simile, color the gumball any color you wish (except yellow).



He is hungry enough to eat anything.

I am as mad as a hornet about the fight.

I think I like pizza the best!

As my mom says, vegetables are good for you!

The runner was as fast as a speeding bullet.

My sister is like a tall oak tree.

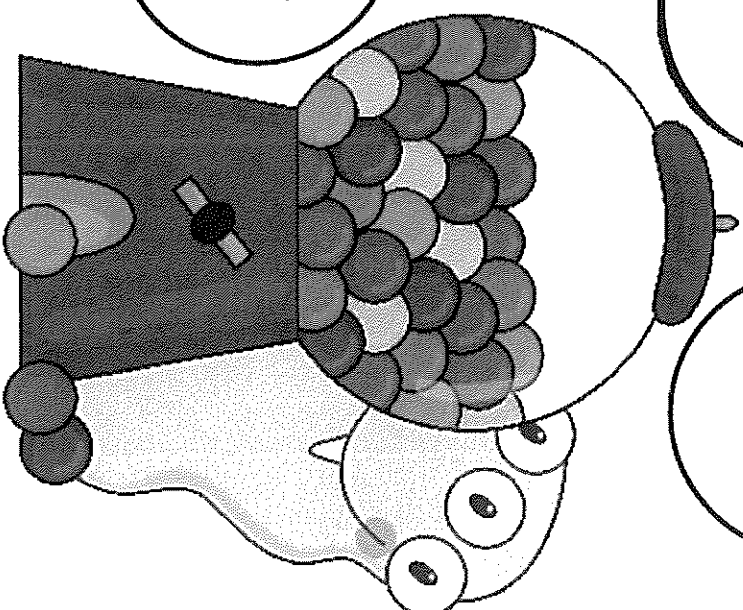
We watched the cars as they drove by.

The witch's fingers are like cold icicles.

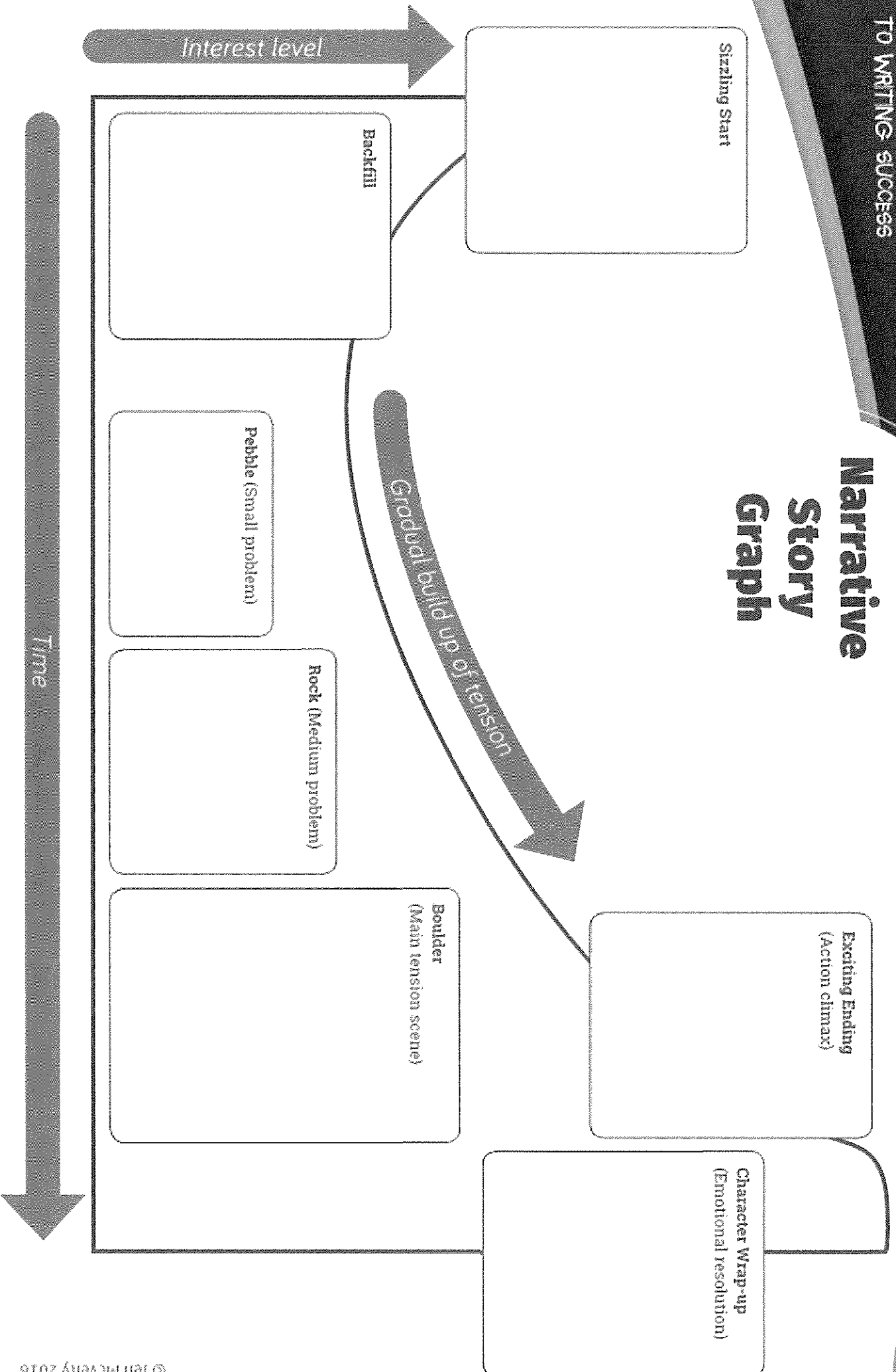
The child hopped through the yard like a bunny.

This is not as difficult as I thought.

Her eyes are as green as brilliant emeralds.

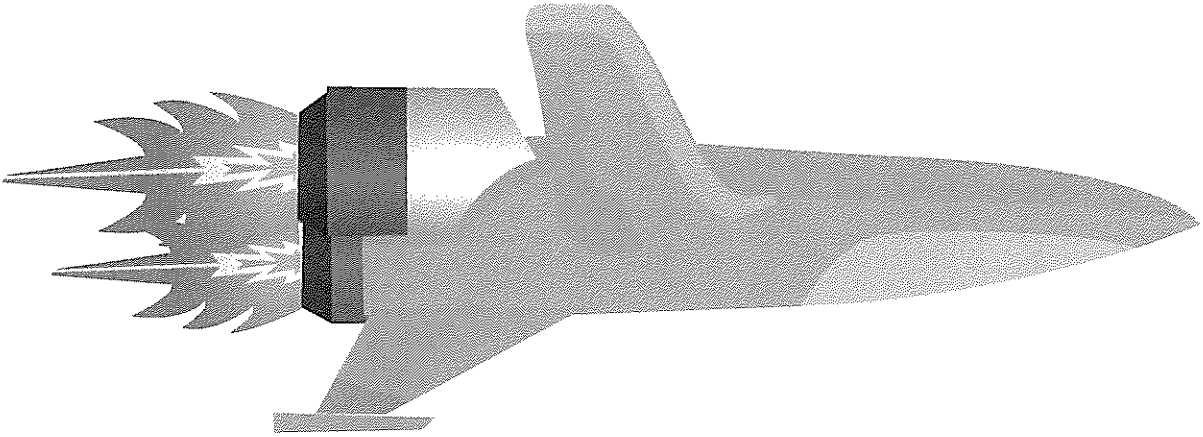


Narrative Story Graph



How many minutes would it take to fly to Mars?

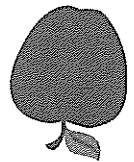
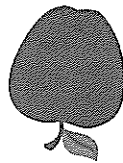
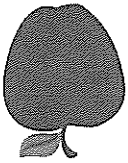
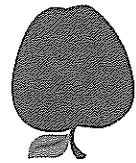
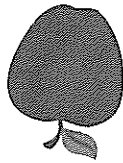
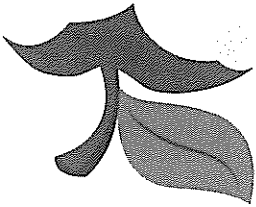
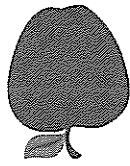
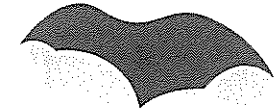
The supersonic spaceship could fly from Earth to the Moon in 4 minutes. Mars is 142 times further away from the Earth than the Moon.



Speeding Spaceship

How many apples did Michael buy?

Jason bought 6 apples. Tyson bought 3 more apples than Jason. Michael bought twice as many apples as Tyson.



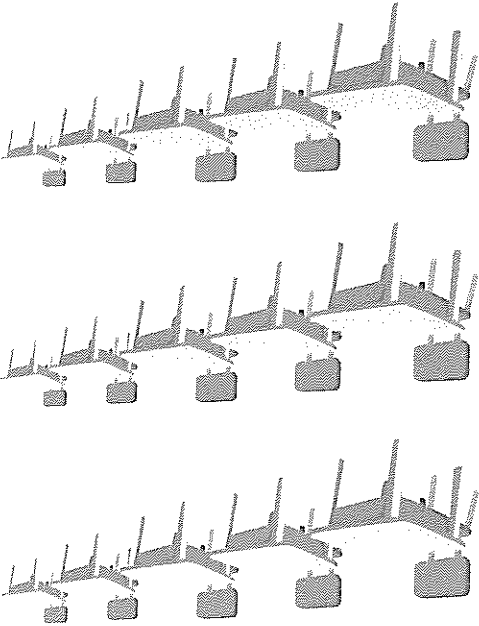
Fruit Frenzy

Assembly Addition

Lucy wanted to know how many children attended her school. She knew that 4 classes had 30 children, 2 classes had 27 children and the last class had 29.

How many children attend Lucy's school?

What is the average number of children per class?



Texting Time

Michelle can type an average of 30 words per minute when she writes a text message. Her average text message is 20 words long.

How many words can she type in 3 minutes?

How many text messages can she write in 4 minutes?

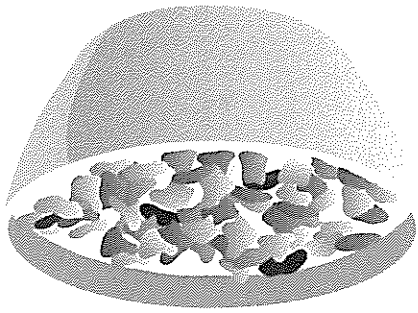


Breakfast Business

Peter loves cereal! He has one bowl every morning for breakfast. Each bowl of cereal uses 250ml of milk.

How much milk does Peter use on his cereal each week?

If a bottle of milk holds 2 litres, how often will Peter's mum need to buy a new bottle of milk?

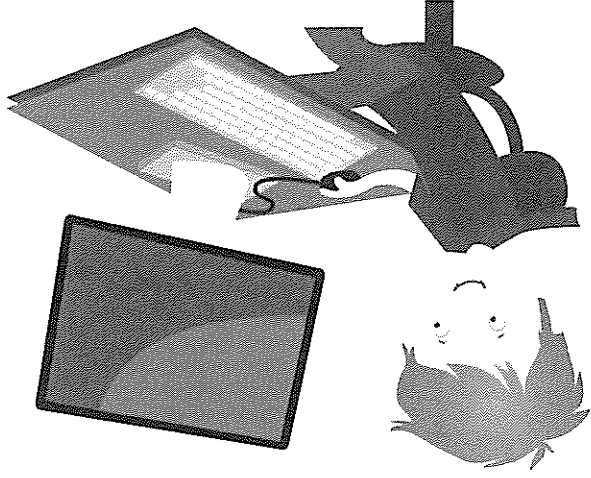


Muddled Music

Ashley has 1200 songs on his laptop. The average song is 3 minutes in length.

How many minutes of music does Ashley have?

How many hours of music does Ashley have?



Pyramid Puzzle



The Ancient Egyptians built incredible pyramids. The Great Pyramid of Giza contains 2 300 000 blocks. The workers laid 115 000 blocks per year.

How many years did it take to build?

Wasting Water



For every 3 minutes in the shower, you use 21 litres of water.

How much water would you use in a 10 minute shower?

How long would you shower for if you only wanted to use 17.5 litres?

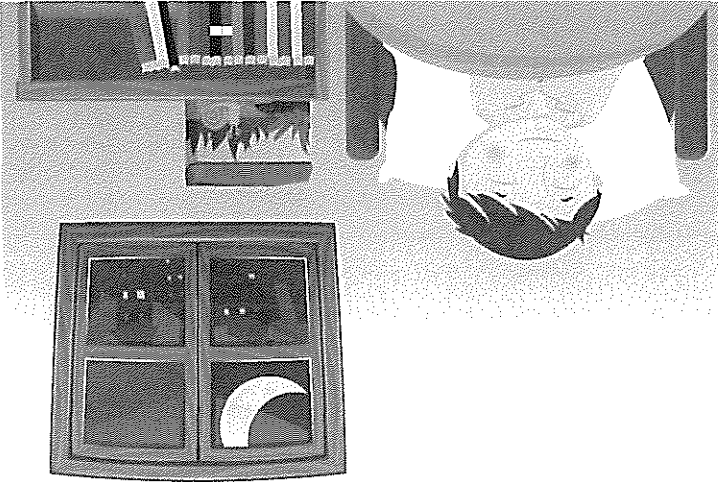


Jill's dog eats 2 cups of dog food on Monday, Wednesday and Friday. He eats 1.5 cups on Tuesday and Thursday. On the weekend, he eats 2.5 cups.

How many cups of food does Jill's dog eat each week?

If the bag of dog food holds 154 cups of food, how many weeks will it last?

Dog Dinner



You have been given \$1000 to spend on decorating your bedroom. You purchased a bed for \$450, a bedside table for \$80 and a chest of drawers for \$265.

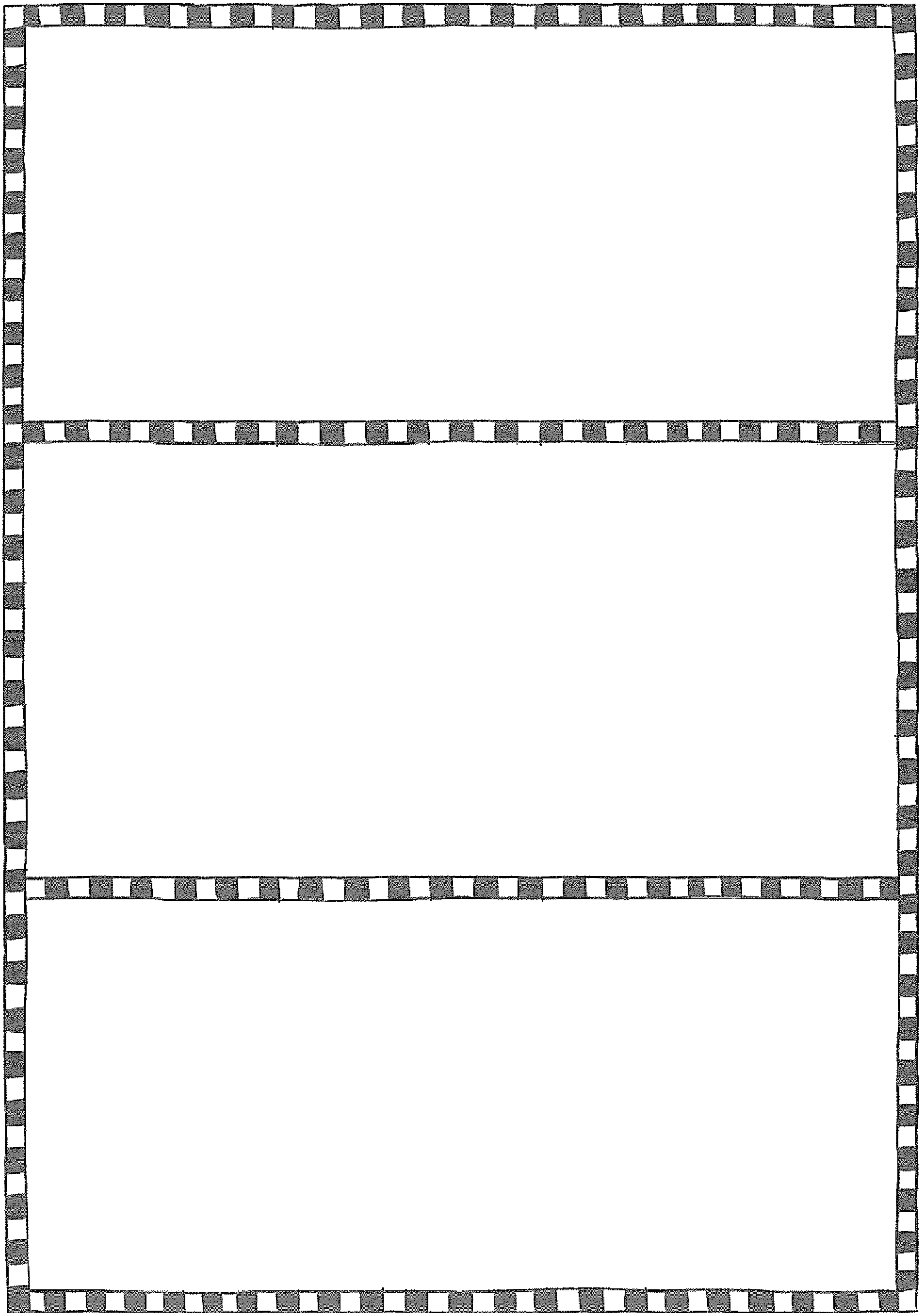
How much money do you have left?

How much more money would you need to also buy a TV for \$560?

Bedroom Budget

ANSWERS

1. Fruit Frenzy
18 apples
2. Space Race
568 minutes
3. Assembly Addition
203 students
29 students per class
4. Texting Time
90 words
6 text messages
5. Breakfast Business
1750ml
Every 8 days
6. Muddled Music
3,600 minutes
60 hours
7. Pyramid Puzzle
20 years
8. Wasting Water
70 litres
2 minutes 30 seconds
9. Bedroom Budget
\$205
\$355
10. Dog Dinner
14 cups per week
11 weeks



What the Heck is a Hectare?

When we are measuring the world around us, we often come across spaces that need a formal unit larger than a m^2 but that are not really big enough to measure in km^2 . To solve this problem we created the hectare.

1 Hectare = 10 000 m^2

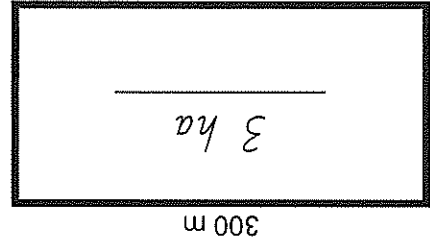
We often use hectare to measure these in-between areas like sports fields, parking lots, or shopping centres. On the list below, indicate whether you should measure the area in m^2 , hectares or km^2 .

- Classroom - _____
- Parking Spot - _____
- Back Yard - _____
- Footy stadium - _____
- Farmer's Field - _____
- State - _____

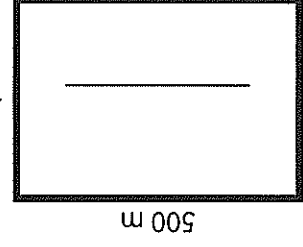
It can be helpful to think of a hectare as a square where each of the sides is 100 m long. However, there are many different dimensions that a hectare can be. Think about the dimensions a rectangle could have that would come to an area of 1 hectare (10 000 m^2).

#	Length	Width	Area
1	1 ha		
2	1 ha		
3	1 ha		
4	1 ha		
5	1 ha		

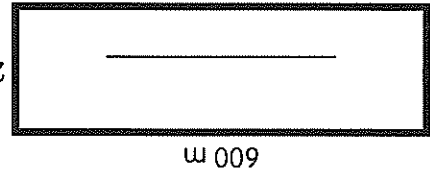
To figure out how many hectares a shape is, work out the area in m^2 and then divide that number by 10 000. Use this information to figure out the area of the following shapes in hectares. The first is done for you.



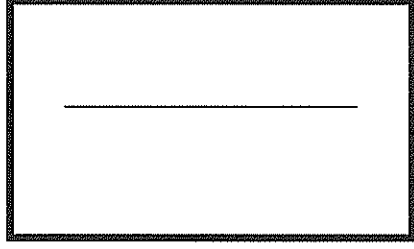
1.



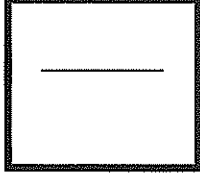
2.



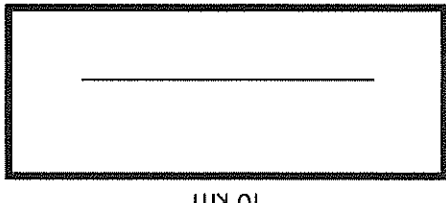
3.



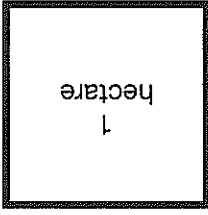
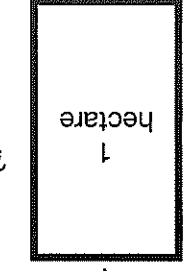
4.



5.



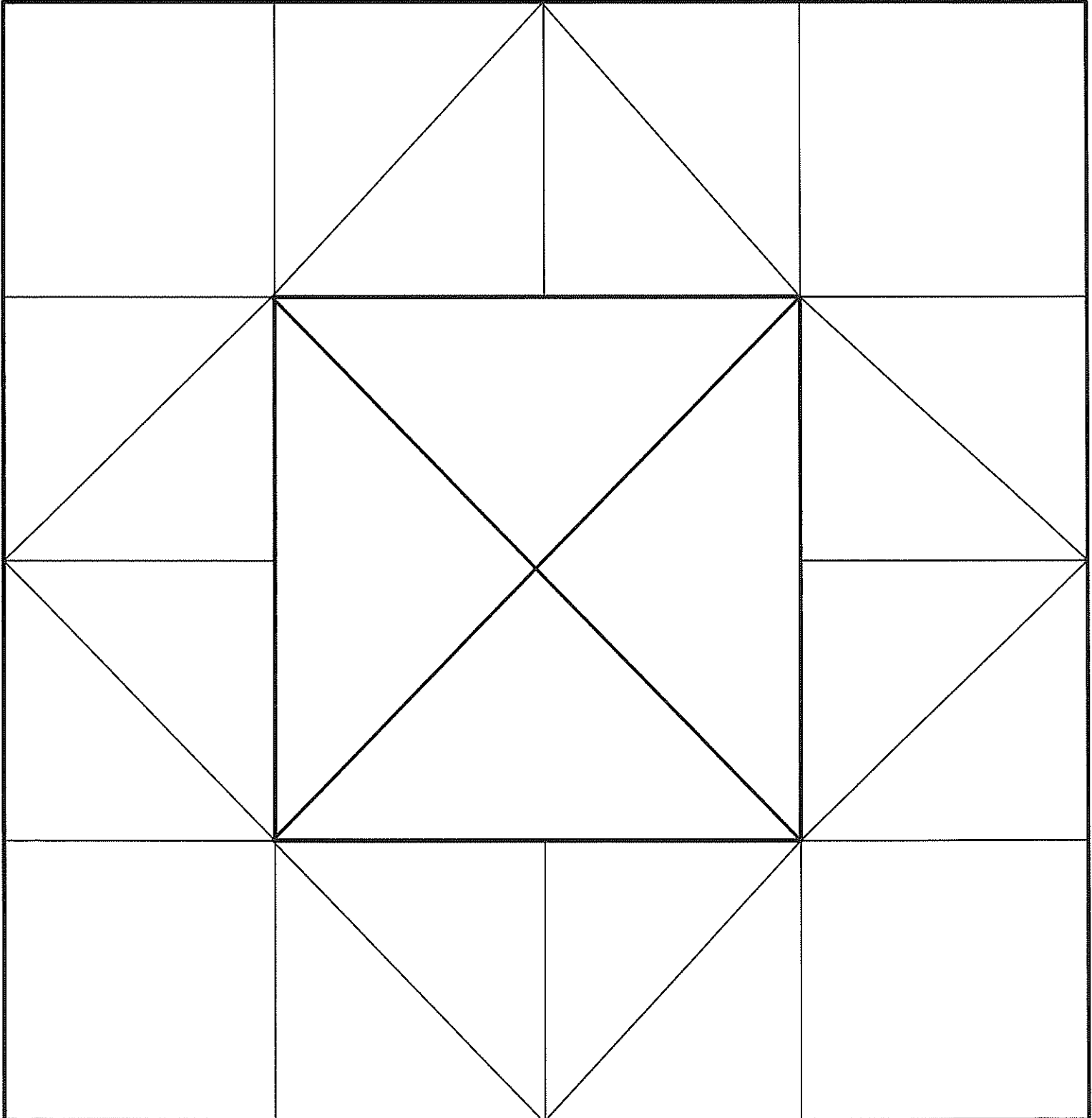
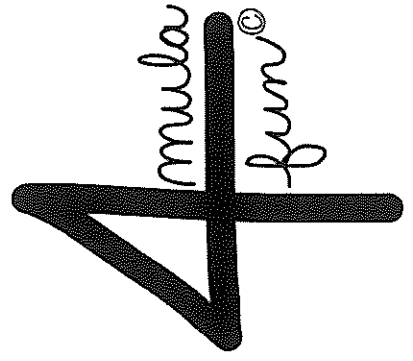
6.



100 m

www.fun4mula.com
Send pictures of your Flippable
creations to fun4mula@gmail.com

Cootie Catcher Editable Flippable Template



Finding the Area of a Rectangle

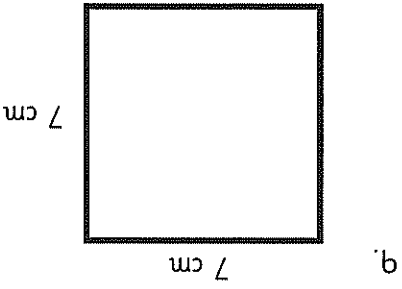
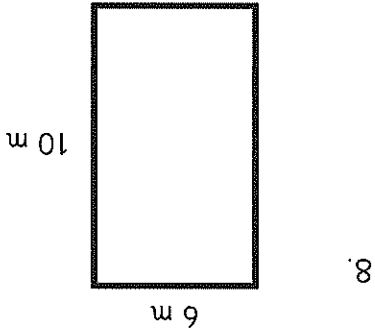
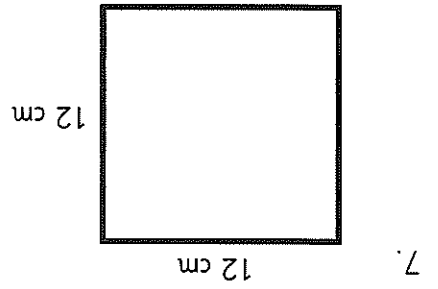
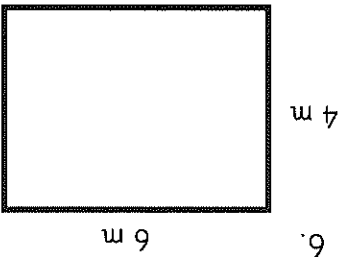
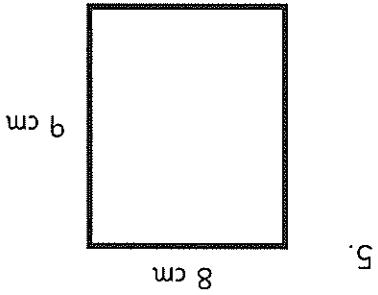
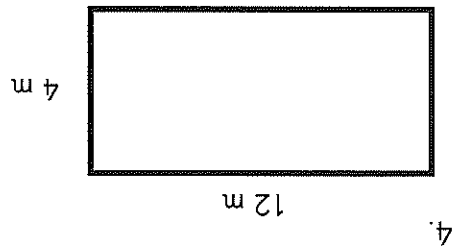
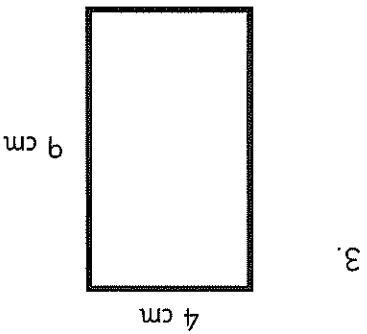
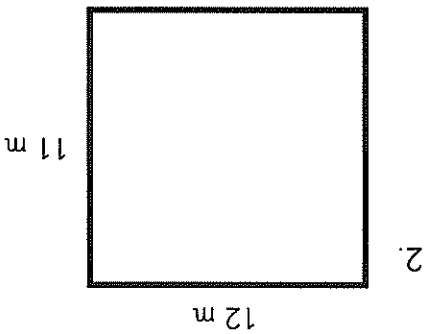
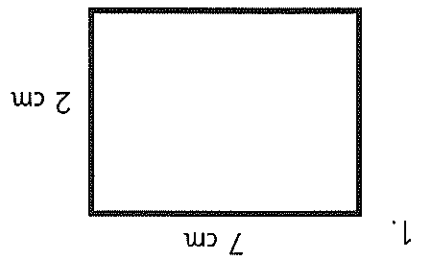
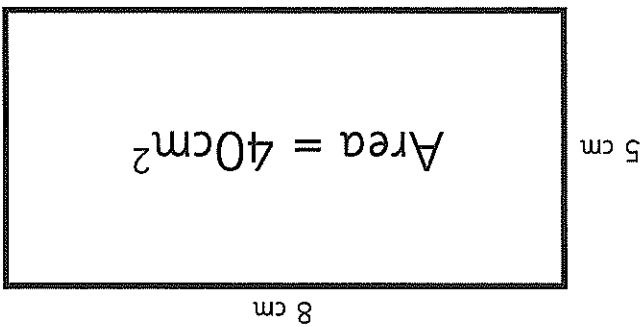
To find the area of a square or a rectangle, we multiply the length by the width.

If, for example, you were to find the area of a rectangle, you use the following formula to multiply the length and width together, e.g.

$$L \times W = A$$

$$5\text{ cm} \times 8\text{ cm} = 40\text{ cm}^2$$

When you write the area of a shape, do not forget the unit of measurement, and remember to always include the squared symbol at the end e.g. cm^2

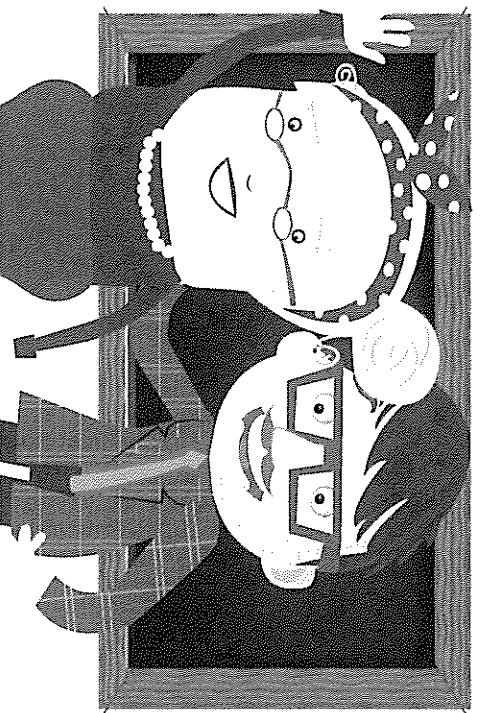


Classroom Capacity

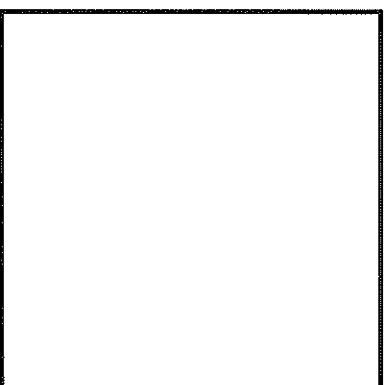
Mrs Brown's classroom is a rectangle. It has a length of 9 m and a width of 7 m. Mr Black's classroom is a square. It has sides of 8 m.

What is the area of each classroom?

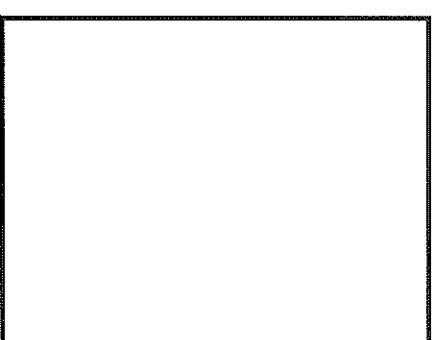
Whose classroom has the greatest area?



8 m



7 m



9 m

Display Board Dilemma

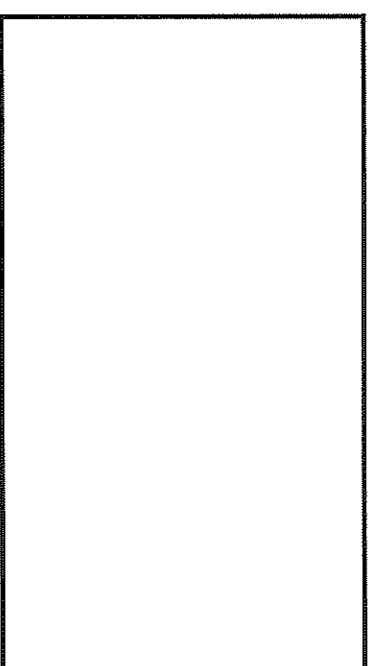
Mila has just bought a rectangular display board for her bedroom.

It has a length of 90 cm and a width of 50 cm. Mila would like to put a border of yellow ribbon around the perimeter of her display board.

How many centimetres of yellow ribbon will she need to buy?



90 cm

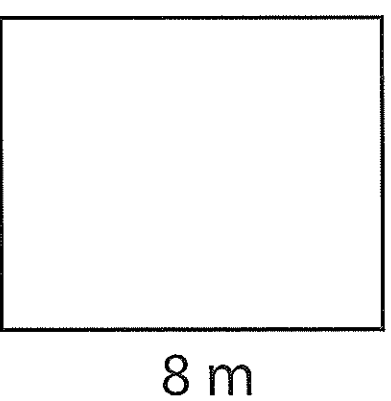


50 cm

PUPPY Antics

David has just bought a new puppy. He needs to build a fence around his backyard so the puppy can't run away and get lost. David's backyard is a rectangle. It has a length of 8 m and a width of 6.5 m.

How many metres of fencing does David need to buy?



Bad Hair Day?

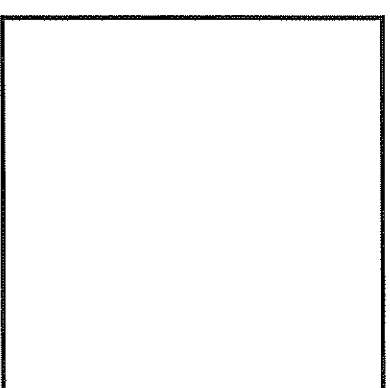
Emily does her hair every morning using the square mirror on her bathroom wall. The mirror has sides of 60 cm.

What is the perimeter of Emily's mirror?

What is the area of Emily's mirror?



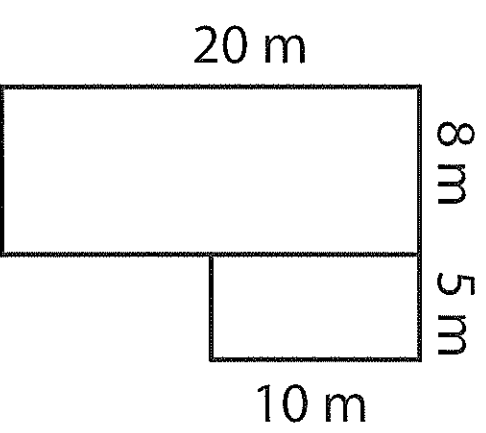
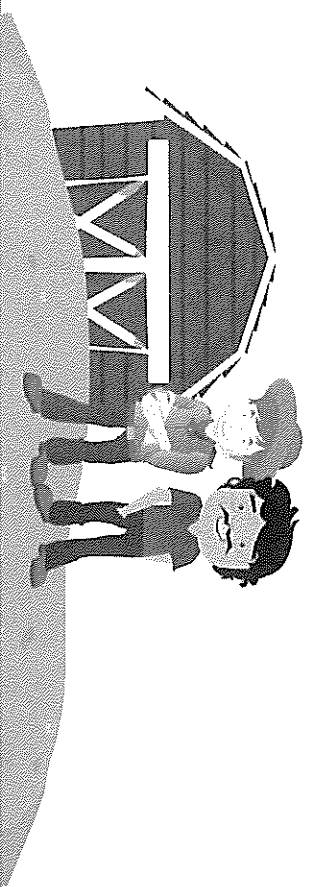
60 cm



Friendly Farmers

Farmer Tom and Farmer Tim own farms next to each other. They both have goats on their farms. Farmer Tom has a large rectangular paddock for his goats with a length of 20 m and a width of 8 m. Farmer Tim has a smaller rectangular paddock for his goats with a length of 10 m and a width of 5 m.

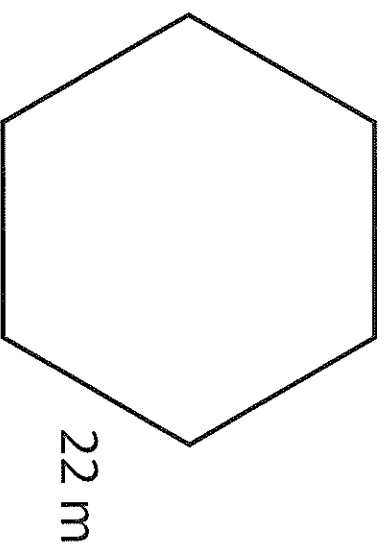
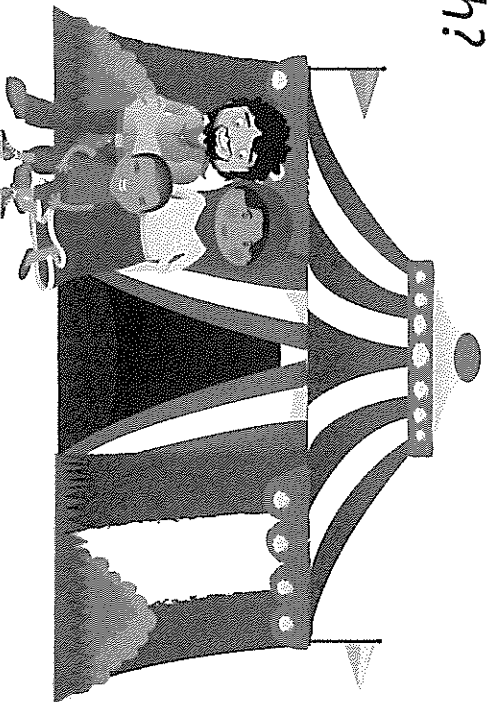
If Farmer Tom and Farmer Tim decide to join their paddocks together, what will the area of the new goat paddock be?



Circus Circuit

Last weekend, Imran went to the circus with his family. The big top was in the shape of a hexagon. Before the circus began, Imran and his family walked around the perimeter of the big top.

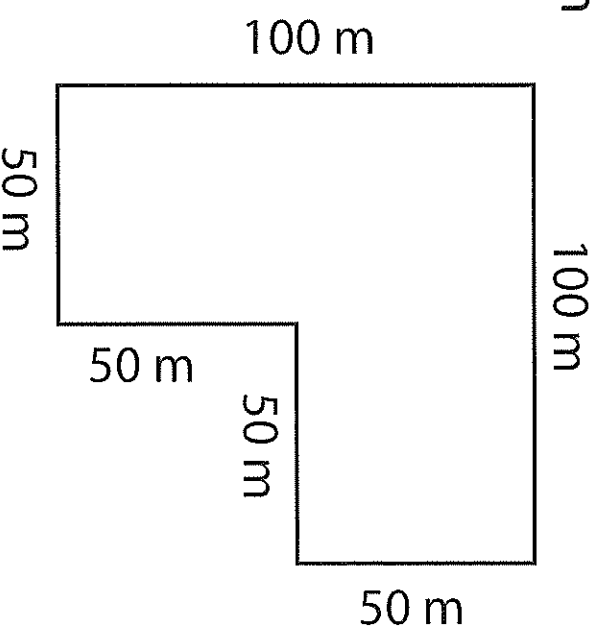
How many metres did they walk, if each side of the hexagon was 22 m in length?



Playground Partition

During a heavy thunderstorm, one corner of the square play area at Sunnyside Primary School is almost completely flooded. On Monday morning, the school principal places a large, heavy rope around the part of the playground that isn't flooded, so the children will know where they are allowed to play.

Use the diagram to work out the perimeter and the area of the children's new play space.



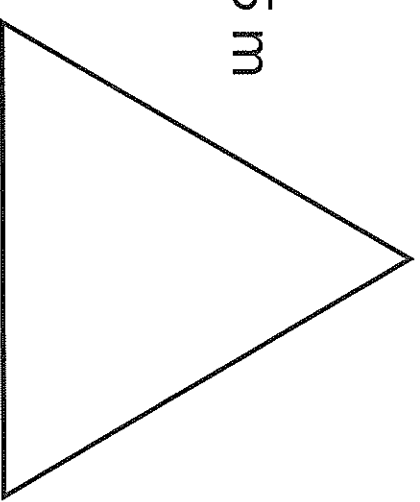
Green-thumb

Mrs Green loves triangles; and flowers. She wants to build a flower bed in the middle of her backyard, in the shape of an equilateral triangle.

If Mrs Green plans for her flower bed to have sides of 3.5 m , what will the perimeter be?



3.5 m



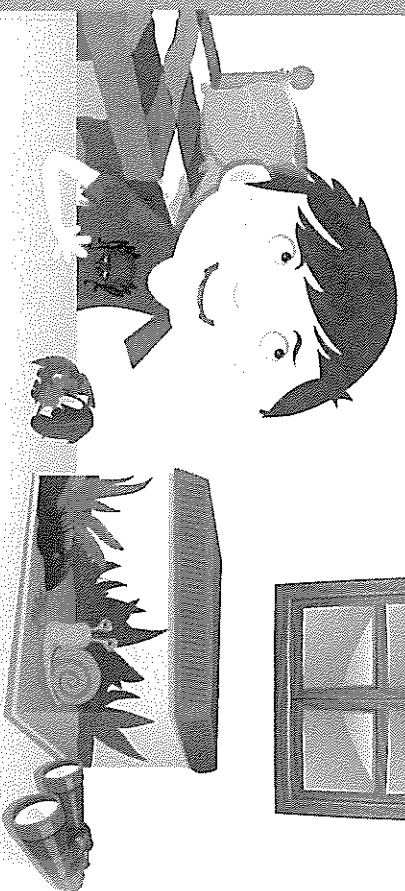
Bedroom Bounds

Giovanni's bedroom is a rectangle. Its length is 7 m.

If the area of Giovanni's bedroom is 21 m^2 , what is its width?

7 m

21 m^2

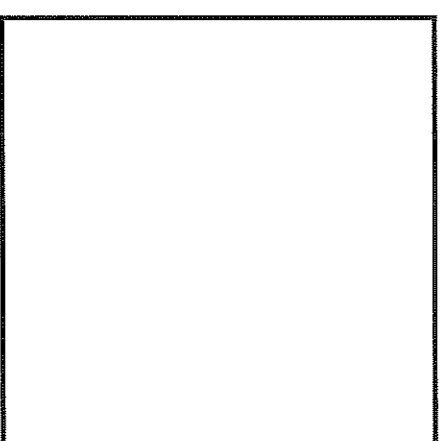


Backyard Border

Sammy's dad is laying out new grass in the backyard. The backyard is a square, with sides of 12 m.

What is the area of grass that Sammy's dad will need to buy?

12 m



Answers

Classroom Capacity

The area of Mrs Brown's classroom is 63 m^2 . The area of Mr Black's classroom is 64 m^2 . Mr Black's classroom is bigger.

Display Board Dilemma

Mila will need to buy 280 cm of ribbon.

Puppy Antics

David will need to buy 29 m of fencing.

Bad Hair Day?

The perimeter of Emily's mirror is 240 cm . The area of Emily's mirror is 3600 cm^2 .

Friendly Farmers

Farmer Tom's paddock has an area of 160 m^2 . Farmer Tim has a paddock with an area of 50 m^2 . Combined they have a paddock with an area of 210 m^2 .

Circus Circuit

Imran and his family walked 132 m .

Playground Partition

The perimeter of the play space is 400 m . The area of the play space is 7500 m^2 .

Green-thumb

Mrs Green's flower bed will have a perimeter of 10.5 m .

Bedroom Bounds

The width of Giovanni's bedroom is 3 m .

Backyard Border

Sammy's dad will need to buy 144 m^2 of grass.

