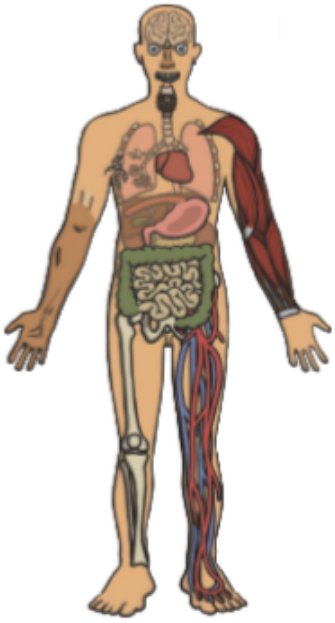
Reading

# Amazing Facts about the Human Body

- Your heart beats around one hundred thousand times per day. This means that in one year it has pumped around three million litres of blood around your body.
- Your nose can tell the difference between one trillion different smells.
- The acid inside your stomach that helps you to digest food can actually dissolve metal.
- The smallest bone in the human body can be found inside the ear. It is called the stapes (or stirrup) bone and it is only around three millimetres long.
- Your nose and ears continue growing throughout your entire life.
- As well as having unique finger prints, all humans also have unique tongue prints!



1. What do you think the word 'unique' means?

_____

2. What are the two names for the smallest bone in the human body?

_____

3. Give one reason why the author may have chosen to use bullet points to present this information.

_____

_____

4. Why do you think the author chose these particular facts?

_____

_____

Reading

# A Storm is Brewing...

Dale was in the garden playing fetch with Patch, a tiny brown and white puppy they had brought home only three days before. Quite unexpectedly, Dale heard a loud rumble and saw, from the corner of his eye, flashes of light in the sky. "What is happening?" muttered Dale.

Suddenly, Dale heard Mum shouting from the kitchen. "Get inside quickly, Dale!" she yelled with urgency in her voice. This worried Dale, so he swiftly ran towards the house. Unsure what to make of the situation, Patch sauntered after him, stopping occasionally to shake the rain from his fur.

"Mum, why is the sky making strange noises and what are all of those lights?" asked Dale.

"It is thunder and lightning, Dale," explained Mum.

1. Find and copy an adverb from the text which means the same as 'quickly'.

_____

2. How long had Dale had Patch?

_____

3. What do you think Dale and Patch did next?

_____

_____

_____

4. How does the author show the reader that Patch is not really bothered about the thunderstorm?

_____

_____

_____

Reading

# Emma's Puppy Problem

As soon as she turned eight years old, Emma knew that she was old enough for the responsibility of looking after a puppy. She had even promised to start doing all of the things you would do with a dog to prove to her boring dad that she could. Emma knew she had to go on long walks twice a day, although she did not get out of bed before midday. She watered the plants in the house every day to prove that she could keep something alive, although she watered them a bit too much. Emma also knew one thing for certain: she would not be picking up anything that the dog left in the back garden. Not once. Not ever. That was her dad's job.

1. Who is stopping Emma from getting a puppy?

_____

2. Why do you think that the author describes dad as 'boring'?

_____

3. What makes you think that Emma is not ready to get a puppy? Use evidence from the text.

_____

_____

_____

4. Summarise the main point of this story in 20 words or less.

_____

_____

_____

Reading

# An Extract from Howard Carter's Diary

## 4th November 1922

After the discovery of the first step, we exposed fifteen more steps leading down to an ancient doorway, still sealed after all these years. The name on the door was clear: Tutankhamen. They say this tomb is cursed; they say that the ancient pharaoh threatened anyone who disturbed his peace in the afterlife but that will not stop me. For five years we have been digging through the inhospitable desert and I am finally about to make the most important discovery of my life. At last, I will be the one to unearth the final resting place of Egypt's youngest pharaoh. It will be filled with treasures beyond anyone's wildest dreams.

1. In what year was this text written?

_____

2. Do you think Howard Carter was scared? Use evidence from the text to support your answer.

_____

_____

3. Sum up the main points of this extract in 20 word or less.

_____

_____

4. What do you think happened next?

_____

_____

Reading

# Spotting a Tsunami

Before a tsunami strikes, eagle-eyed scientists can spot a few warning signs which may help to save lives. An earthquake can be a warning of a tsunami; tsunamis can cause the ground near the coast to shake for more than twenty seconds at a time and may cause the ocean to pull backwards, leaving bare sand where the sea used to be. There may also be loud, booming noises with no apparent cause. However, it is not just humans who can take notice of these warning signs. Around the time that a tsunami is about to strike, animals can be seen behaving strangely or beginning to leave the area.

If any of these signs are spotted, you must immediately move away from coastal areas. Make your way to higher ground as quickly as you can – do not stop.

1. Find and copy two ways that the author tells the reader to act quickly if they spot a tsunami.

_____

_____

2. What are two warning signs that a tsunami could be about to strike?

_____

_____

3. Why might someone be tempted to stop on their way to higher ground?

_____

_____

4. Who do you think that this information is for? Explain your answer.

_____

_____

Reading

# Stone Age Stew

A hearty and warming Stone Age stew is a welcome luxury after a long day of hunting and gathering.

First, you will need to prepare the stock. For a flavoursome and rich-tasting stock, you must use the finest and freshest herbs so scavenge the woods for juniper berries, nettle leaves, sunflower seeds and hazelnuts. Add them to water in a large stone pot and drop in some red-hot stones to heat the mixture. Why not include some mammoth blood to give the stock a deep, earthy flavour?

Next, roast today's catch over the fire on a spit. When blackened, chop it into small pieces and add it into your stock. Keep stirring so that your stew does not congeal. Serve piping hot with a fresh lump of bone on the side.

1. What do you think the word 'congeal' means in this text?

_____

_____

2. Which creature's blood would give this stock a deep, earthy flavour?

_____

_____

3. How does the author make this stew sound appealing?

_____

_____

4. How does this stew compare to food we eat today?

_____

_____

_____

Reading

# Dazzling Diwali

On the island of Fiji, Kajri and Sadar were celebrating something special: Diwali, the Hindu festival of lights. It was the fifteenth day of the Hindu month of Kartika and the whole family had gathered together in their home to hold a small prayer. All family members were wearing their finest clothes as they honoured Ganesh, the god who removes difficulties, and worshipped Lakshmi, the goddess of wealth and good fortune. The house was decorated with hundreds of small oil lamps and candles, which shone brightly with reds, greens and yellows and filled the home with light. The lanterns showed the goddess Lakshmi that she was welcome to enter.

1. Which adverb does the author use to describe how the lights shone?

_____

2. Which Hindu month was this story set in?

_____

3. Find and copy two phrases which show that Diwali is a special time for the family.

_____

_____

_____

_____

4. Discuss another time of the year where a house can be decorated with colourful lights.

_____

_____

_____

Reading

# The Ultimate Jungle Survival Guide

To survive in the jungle, one of the world's harshest and most inhospitable places, your two priorities are clear: water and shelter. Without these, you won't make it a single night.

Deep within the jungle, sources of fresh water are hard to come by. Keep an eye out for any fallen leaves which have caught pools of rainwater and drink them straight away. You need to drink around 10 litres of water a day to stay alive in this raging heat.

Before darkness falls, build a shelter high up off the ground to avoid tigers and other predators overnight. Banana leaves make an excellent shelter from the rain and vines will hold together your hammock whilst you sleep.

1. What are the two priorities of jungle survival?

_____ _____

2. Find and copy a phrase which the author uses to show that the jungle can be deadly.

_____

_____

3. Why do you think the guide advises to build a shelter 'before darkness falls'?

_____

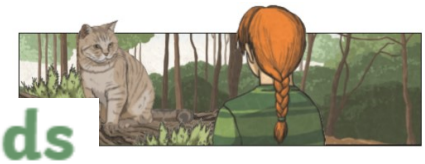
_____

4. Sum up the key points of this text in 15 word or less.

_____

_____

Reading



# The Cat in the Witch's Woods

Once upon a time, there was a girl and her wicked stepmother. The stepmother dreamt of nothing but how she could get rid of her stepdaughter. One day, an evil idea came into her head and she sent the girl out into the great, gloomy wood where a wicked witch lived.

After months of misery, the girl stumbled across a grey cat in the bleak woods. "How can I escape the witch?" she asked the cat. He gave her two items.

"Throw this handkerchief on the ground and run as fast as you can," he said. "Wherever it touches the ground, a deep, broad river will appear. If the witch manages to get across it, throw this comb behind you and run for your life. Wherever the comb falls, a dense forest will grow and trap the witch forever."

1. Which two objects did the cat give to the girl?

_____ _____

2. Find and copy two adjectives which describe the Witch's woods?

_____ _____

3. Why do you think that the girl experienced 'months of misery'?

_____

_____

_____

4. What do you think the girl did next?

_____

_____

Reading

# Unbelievable Usain Retires

At just 31 years of age, Usain Bolt has retired today from his career as a professional athlete, with the title of 'Fastest Man in the World' securely under his belt.

Born in Jamaica in 1986, Usain has loved sport from an early age and spent most of his childhood running in school competitions across the country, winning many medals and titles. By the age of fifteen, Bolt had grown to almost two metres tall, which helped him to stand out amongst competitors of the same age.

In 2002, at the World Junior Championships, Bolt became the youngest gold medal winner ever for the 200 metre race. His career began there and he has since earned an astonishing and impressive eight Olympic gold medals. Usain Bolt will forever be known as one of the greatest sprinters of all time.


1. Find and copy two adjectives which the author uses to describe the Olympic gold medals Usain has earned.

_____ _____

2. In which country was Usain Bolt born?

_____

3. How did Usain's height compare to other children of the same age?

_____

_____

_____

4. Sum up what you have read about Usain Bolt in 20 words or less.

_____

_____

_____

# Grammar, Punctuation and Spelling - Conjunctions

**Underline the conjunctions in the sentences below:**

1. It was hot this morning and it was humid in the afternoon.
2. My dad said I can play football or I can play basketball.
3. My brother wanted to have a vanilla ice cream but there was none left.
4. Elizabeth joined the gymnastics team so she could improve her fitness level.

**For each sentence, add a conjunction:**

1. The builder worked really hard on the house _____ that he would receive a good price.
2. My dog refuses to eat chicken _____ fish.
3. The flowers in the garden were beautiful _____ unfortunately I was allergic to them.
4. I felt like having soup for dinner _____ I knew my sister would probably disagree.
5. My brother refuses to clean the bathroom _____ will he tidy the kitchen

**For each set of sentences below, add a conjunction to join the sentences together to make one sentence.**

1. Benjamin played with the dog. Mary played with the dog.

   _____

   _____

2. I wanted to go to the movies. Mum wouldn't allow me.

   _____

   _____

3. It was a rainy day. The students ate their lunch inside.

   _____

   _____

## Grammar, Punctuation and Spelling - Adjectives

**Rewrite these sentences by changing the adjective to make them sound even better:**

1. Janine was sitting in a nice chair.

_____

_____

2. Mum's new hairstyle was bad.

_____

_____

3. The weather today is not nice.

_____

_____

4. Lorna's new puppy was cute.

_____

_____

5. Jake made some silly jokes at school today.

_____

_____

6. The story written by Fred was good.

_____

_____

7. Barney's new computer was fun to play on.

_____

_____

8. The birds' cage was dirty.

_____

_____

## Grammar, Punctuation and Spelling - Punctuation

**Write out the sentences and add in the missing punctuation.**

1. my brother's dog is called tess

2. on sunday she went to the park

3. the titanic sank in 1912

4. toby and mark are going to spain in march

5. martha took her children to the zoo yesterday

6. when i go to the shop i will get some crisps

7. sameera and i are going to town on Friday

8. did you sell buns at the fair

## Grammar, Punctuation and Spelling - Possessive Apostrophe

**Write out the sentences and add in the missing apostrophe.**

1. Kims mum bought some sausages from the shop.

2. The butterflys wings flapped as it flew from flower to flower.

3. The dogs tail wagged excitedly as he walked.

4. The dancers costume was very colourful and bright.

5. At the party, the birthday girls presents were placed on the table.

**Write five of your own sentences with a possessive apostrophe.**

## Grammar, Punctuation and Spelling - Fronted Adverbials

**Place a comma after the fronted adverbial in these sentences.**

1. Baffled by the mathematical problem the professor felt frustrated.
2. Under the bridge the misunderstood troll waited patiently for his goat friends.
3. Once a year the people put on their costumes and partied at the carnival.
4. Before the holidays the Y6 pupils had a farewell celebration at their junior school.
5. Almost certainly Eva's team would win the upcoming sports day.

**Underline the fronted adverbials below and add in commas in the appropriate places.**

Through the bushes Kian searched and searched. Under all of the rocks he hunted but he just couldn't find the potion. He sat down with his head in his hands. Feeling depressed a drop of water rolled down his cheek. Kian reached up to dry his eyes and realised the drop was not a tear. Confused he looked up and saw exactly what he was looking for...the magical potion! It was dangling from a tree in a potion bottle. Like a jack-in-the-box Kian leapt up and grabbed it. As Kian hurriedly ran back his feet hurt and his lungs felt like they might explode. Inside his hands he held the one thing that could save everyone in his village.

**Write five of your own sentences with a fronted adverbial.**

_____

_____

_____

_____

_____

_____

_____

# Grammar, Punctuation and Spelling - Adverbs

**Underline the adverb in the sentences below.**

1. He smiled cautiously.
2. She frowned angrily.
3. He walked to school quickly.
4. Carefully, she looked for her coat.
5. Thankfully, it would be his turn soon.

**Add an adverb to the following sentences:**

1. She ran _____ down the road.
2. It will be my birthday _____.
3. He wandered home _____.
4. _____, she had to wrap her brother's present.
5. Her dad was coming to pick her up _____.

**Write five sentences with your own adverbs.**

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

## Grammar, Punctuation and Spelling - Spelling

**The spelling mistakes in these sentences have been underlined. Write the correct spelling for each underlined word on the line.**

1. The three little pigs began to bild their houses. _____
2. I can't disside whether to have the pepperoni or ham pizza. _____
3. My brother thought it was too erlie to get up for school. _____
4. "Get into a groop of four," said my teacher. _____
5. Dad rode his bisikle to work. _____
6. The letter did not have the right adres on it. _____
7. Jane lives in the house aposit Harry. _____
8. Ben thort it was time to go to bed. _____

**Each sentence below has one word that is incorrect. Write the correct spelling of the word on the line.**

1. Lily's birthday is in Februry. _____
2. The doctor gave the girl some medisin to make her feel better. _____
3. The class really enjoyed the science expirimint. _____
4. What hite is Dad compared to Mike? _____
5. 100 years is the same as a sentuary. _____
6. That scarf is difrent to that one! _____
7. Kim went to the librie and got four books out. _____
8. It's not posibil. _____

## Grammar, Punctuation and Spelling - Homophones

**Complete the sentences by crossing out the incorrect homophone.**

1. Last knight/night I went for a walk in the moonlight.
2. Blue/blew is my favourite colour.
3. If you want to go on holiday, you'll have to catch a plane/plain.
4. I brush my hare/hair every day.
5. The lion had huge paws/pours.
6. Thomas couldn't wait to meat/meet the new teacher.

**Copy this passage out, correcting the homophones as you do:**

It was knight and the sky was pooring with reign. The hole ship rocked on the stormy see and the wind blue hard tearing the sale. The captain new they kneaded to fix it quick, so he called out to too crewmen. As the pear ran off to fetch knew rope the captain, who usually had nerves of steal, preyed that the ship wood knot sink. Suddenly, a peace of would broke off from the deck and flue towards him!

## Grammar, Punctuation and Spelling - Speech

**Add in the missing inverted commas around the direct speech in each sentence below.**

1. What's for dinner dad? Jacinda asked her dad.
2. The witch looked at her sisters and asked, When will we three meet again?
3. The mouse looked at the fox and quivered, Please don't eat me.
4. I'm stuck! declared Sam as he held up his hand. Can you help me please?
5. Goal! shouted the boy as the ball went to the back of the net.

**Write out the sentences and use a different word to said:**

1. "Can we go to Disney World?" the children excitedly said.

   _____

   _____

2. The teacher said, "Use your best handwriting."

   _____

   _____

3. The instructor said, "First place your harness over your shoulder like this."

   _____

   _____

4. "I wonder what's on at the cinema?" Lucy said.

   _____

   _____

Grammar, Punctuation and Spelling - Speech

Create your own comic strip. Add in the speech and use the correct punctuation

# Maths - Addition and Subtraction

To the number 3108:

- Subtract 3 ones
- Add 2 thousands
- Subtract 1 hundred

What is the new number? _____

Use the digit cards to complete the number sentence.

9 3 1 7

2,345 + 102 > ☐☐☐☐

Complete the following:

718 + 395 = 395 + _____

719 + 395 = 720 + _____

2,719 + 4,395 = 3,719 + _____

Tom and Hannah have £1 between them. Tom has 12p more than Hannah. How much do they each have?

Tom _____

Hannah _____

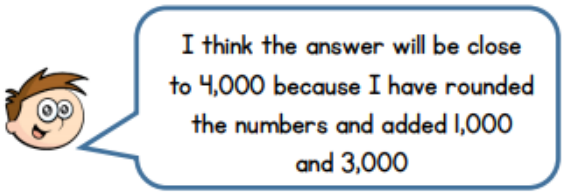
Fill in the missing digits.

| | | | | |
|---|---|---|---|---|
| | | 3 | | 9 |
| + | 1 | 4 | 2 | |
| | 5 | | 9 | 9 |

There are 6,128 people in a village. 2,503 are women, 2,811 are men and the rest are children. How many children are there? Show your working out.

Teddy is asked to estimate the answer to 1,923 + 3,246

He says,




What is wrong with Teddy's estimate?

What would be a better estimate?

# Maths - Multiplication and Division

Match each statement to the correct bar model.

| | |
|---|---|
| 6 bags of 10 sweets | 10 \| 10 \| 10 \| 10 \| 10 \| 10 |
| 10 bags of 6 sweets | 10 \| 10 \| 10 \| 10 \| 10 \| 10 \| 10 \| 10 \| 10 \| 10 |
| 10 bags of 10 sweets | 6 \| 6 \| 6 \| 6 \| 6 \| 6 \| 6 \| 6 \| 6 \| 6 |

Complete the bar model to show

7 × 3

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | ____ | | | |
| 3 | 3 | 3 | ____ | ____ | ____ | ____ |

Each box contains 6 eggs.

Complete the fact family to represent the eggs

| | | | | |
|---|---|---|---|---|
| ☐ | × | ☐ | = | ☐ |
| ☐ | × | ☐ | = | ☐ |
| ☐ | ÷ | ☐ | = | ☐ |
| ☐ | ÷ | ☐ | = | ☐ |

Complete the calculations

5 × 30 = ☐

5 × 300 = ☐

180 ÷ 2 = ☐

630 ÷ ☐ = 70

A sticker book can fit 6 stickers on each page. 8 out of 20 pages of the book are full. How many more stickers are needed to complete the sticker book?

_____

Leon makes an array using counters. Part of the array is covered.

Write down a multiplication that the array shows. _____ x _____ = _____

How many counters are in the array?

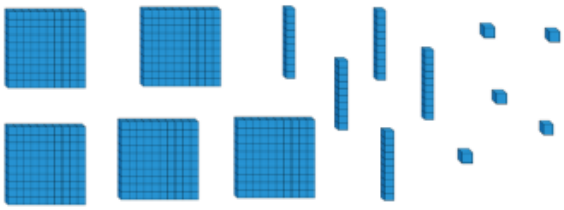
_____

A bag costs £11 and a mug costs £7 Annie spends £80 in total on bags and mugs. She buys 6 bags. How many mugs does she buy?

_____

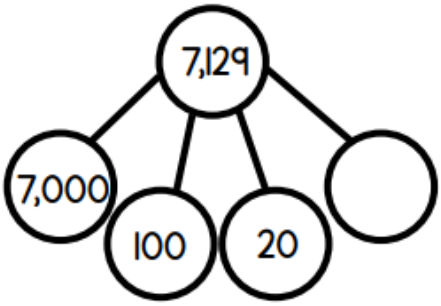
# Maths - Place Value

Circle 341

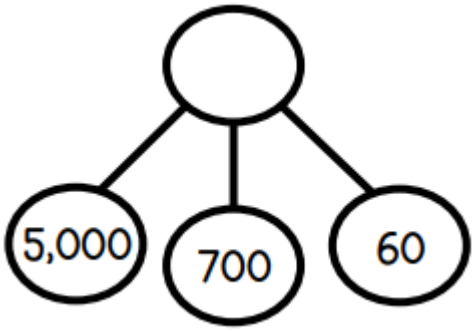


What number is shown on the place value grid? _____


Complete the part-whole diagrams.




Complete the part-whole diagrams.




What is the value of the 5 digit in each of these numbers? Match the correct number to the correct value.

| | |
|---|---|
| 511 | 5 thousands |
| 5,103 | 5 hundreds |
| 6,950 | 5 tens |
| 695 | 5 ones |

Jim makes a 4 digit number.

- The hundreds digit is a 7
- The tens digit is one more than the thousands digit.
- The sum of all the digits is 10

What number did Jim make?

_____

Using the digit cards make an even number between 7000 and 8000.

| 1 | 4 | 5 | 7 |
|---|---|---|---|

_____

Circle which of the following is equal to 5,042.

50 + 40 + 2

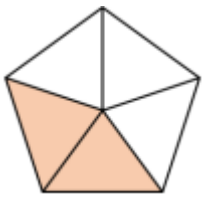
5,000 + 40 + 2

50 + 42

5000 + 400 + 2

# Maths - Fractions

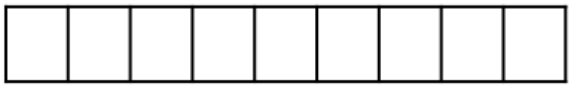
What fraction of the shape is shaded?



_____

What is $\frac{2}{9} + \frac{5}{9}$?

Colour in the fraction strip to help you.



Calculate.

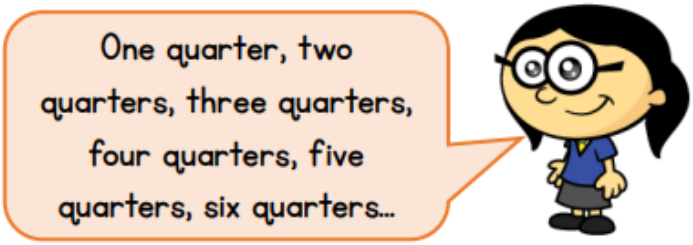
$$\frac{12}{5} - \frac{4}{5} = \frac{\square}{\square}$$

$$\frac{4}{5} + \frac{3}{5} = 1 + \frac{\square}{5}$$

Complete the missing number.

$$\frac{1}{6} \text{ of } \square = 42$$

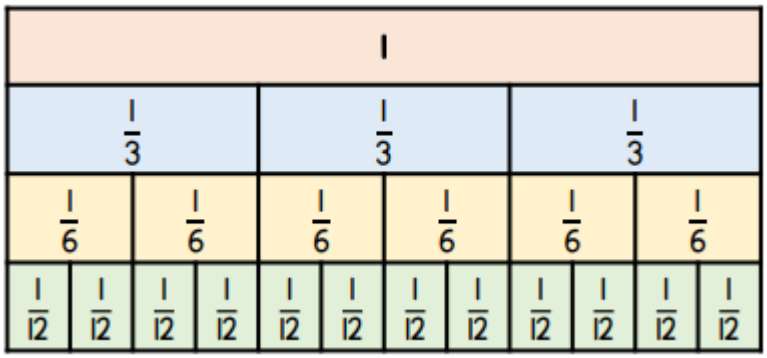
Annie is counting in quarters.




What is the next fraction that Annie will say? Circle all the possible answers.

$\frac{7}{4}$ $\frac{4}{7}$ $1\frac{3}{4}$ Seven Quarters

Complete the equivalent fractions. Use the fraction wall to help you

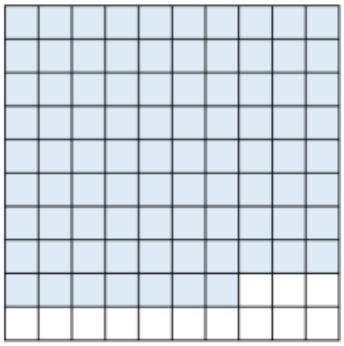



$$\frac{1}{3} = \frac{\square}{6} = \frac{\square}{12}$$

$$1 = \frac{\square}{12} = \frac{\square}{6} = \frac{\square}{3}$$

# Maths - Decimals

The hundred square represents one whole. How much of the hundred square is shaded? Give your answer as a decimal. _____



Toby is making 1.42 on the place value grid.

| Ones | Tenths | Hundredths |
|---|---|---|
| | | |

Draw counters on the grid to complete Toby's number

Compare using < , > or =

0.68 ◯ 0.78

0.68 ◯ 0.7

0.6 ◯ 0.08

Match the fractions to their decimal equivalent.

| | |
|---|---|
| $\frac{4}{100}$ | 0.5 |
| $\frac{1}{2}$ | 0.25 |
| $\frac{2}{10}$ | 0.2 |
| $\frac{1}{4}$ | 0.04 |

Three children are in a long jump competition.

Sally jumps 1.6 metres.

Ted jumps 0.78 metres.

Hamza jumps 1.46 metres.

Order their jumps from longest to shortest.

_____ _____ _____

Round Sally's jump to the nearest metre.

_____

Ian has 1 litre of paint. He uses 3/10 of the paint on the wall and 1/10 of the paint on the door. How many litres of paint does Ian have left?

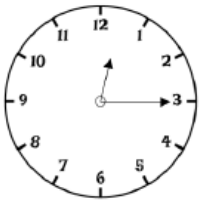
Write as a decimal and a fractions.

Decimal _____

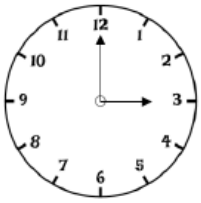
Fraction _____

# Maths - Time

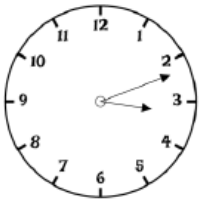
Match the analogue and digital clocks that show the same time.



15 : 00



12 : 15

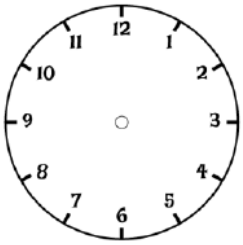


03 : 12

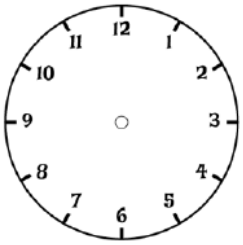
Complete the table.

| Month | Number of Days |
|---|---|
| March | |
| November | |
| | 28 or 29 |

Jack sets off to the shop at twenty past nine. He arrives at the shop 35 minutes later. Draw the times on the clock faces.



Sets off

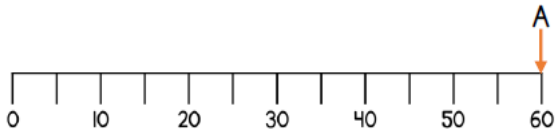


Arrives

Draw arrows to match the statements to the correct position on the number line.

One has been done for you.

| A | B | C | D |
|---|---|---|---|
| Seconds in a minute | Minutes in half an hour | Hours in a day | Months in a year |




Circle the times that match the time shown on the digital clock.

17 : 45

quarter to six in the evening

5:45 p.m.

5:45 a.m.

7:45 p.m.

A machine makes one gadget every 20 seconds. How many gadgets does it make in 5 minutes?

_____

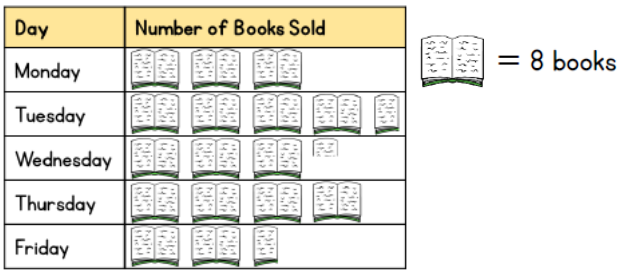
Tim and Jemima both walk 12 kilometres. Tim takes 4 hours and 10 minutes. Jemima takes 270 minutes.

Who takes the longest? _____

How much longer? _____

# Maths - Statistics

A book shop records the number of books sold each day for a week.

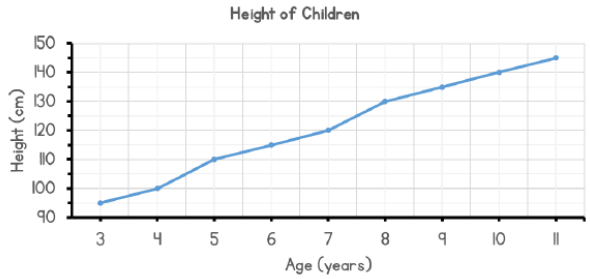



On which day are the least books sold? _____

How many more books are sold on Thursday than Wednesday? _____

35 more books are sold on Saturday than Friday. How many books are sold on Saturday? _____

Here is a graph to show the average height of 3 to 11 year olds.



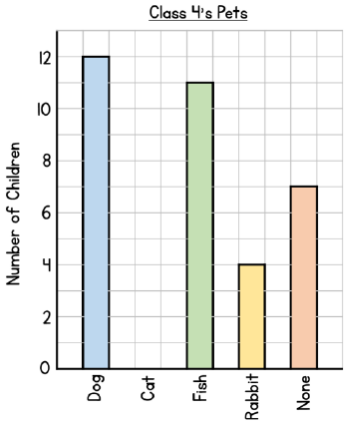

What is the height of a 6 year old child? _____

What is the difference in height between a 3 year old and a 7 year old? _____

How many centimetres does a child grow between 10 and 11 years old?

_____

The bar chart shows the pets that children have in Class 4.




| Animal | Number of Children |
|---|---|
| Dog | |
| Cat | 8 |
| Fish | 11 |
| Rabbit | |
| None | 7 |

Use the bar chart to complete the table.

Complete the bar chart to show the number of children who have cats.

There are only 32 children in the class.

Why is the total more than this?

_____

_____

Here is a table to show the number of people who visited the cinema.

| | Number of people at 1pm | Number of people at 6pm |
|---|---|---|
| Screen 1 | 128 | 246 |
| Screen 2 | 54 | 375 |
| Screen 3 | 98 | 271 |

Which screen had the least number of people at 6pm? _____

How many more people were in screen 2 at 6pm than 1pm? _____

## Maths - Addition

Using the column method add the following numbers together.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **1** | 5391 | **2** | 5409 | **3** | 2923 | **4** | 8617 |
| | + 8468 | | + 4370 | | + 4477 | | + 9580 |
| | _____ | | _____ | | _____ | | _____ |
| **5** | 3204 | **6** | 3114 | **7** | 2350 | **8** | 5338 |
| | + 3184 | | + 4873 | | + 4328 | | + 4770 |
| | _____ | | _____ | | _____ | | _____ |
| **9** | 4659 | **10** | 5440 | **11** | 6404 | **12** | 9017 |
| | + 5691 | | + 7368 | | + 3144 | | + 1146 |
| | _____ | | _____ | | _____ | | _____ |
| **13** | 3252 | **14** | 3714 | **15** | 3005 | **16** | 1977 |
| | + 6627 | | + 5015 | | + 3757 | | + 2722 |
| | _____ | | _____ | | _____ | | _____ |

## Maths - Subtraction

Using the column method add the following numbers together.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | 8017 − 5004 | 2 | 6276 − 3153 | 3 | 8068 − 2044 | 4 | 9894 − 8452 |
| 5 | 6558 − 4341 | 6 | 8302 − 5301 | 7 | 8969 − 4823 | 8 | 8568 − 3522 |
| 9 | 7327 − 5309 | 10 | 7178 − 2906 | 11 | 5637 − 4447 | 12 | 2877 − 2498 |
| 13 | 7450 − 3219 | 14 | 7723 − 6962 | 15 | 6527 − 4450 | 16 | 5568 − 2319 |

# Maths - Addition and Subtraction Word Problems

Answer the word problems by showing your working out below.

1. In one month 382 adults and 65 children stayed in a hotel. How many people stayed at the hotel altogether?

2. A tracksuit top costs £12.75 and matching tracksuit bottoms cost £9.50, how much does the tracksuit cost altogether?

3. Sunil buys a can of cola which contains 330ml. Emma buys a bottle of cola which contains 500ml. How much more cola is there in the bottle than the can?

4. A car park has room for 275 cars. 129 cars are parked in the car park, how many spaces are left?

5. Daniel had some string for his conker that was 168cm long. How much did his dad cut off so that the string was only 79cm?

## Times Tables

Complete the times tables questions.

| | | | |
|---|---|---|---|
| 9 × 7 = _____ | 6 × 8 = _____ | 5 × 4 = _____ | 3 × 7 = _____ |
| 11 × 12 = _____ | 1 × 11 = _____ | 12 × 5 = _____ | 10 × 8 = _____ |
| 1 × 9 = _____ | 7 × 8 = _____ | 7 × 10 = _____ | 7 × 6 = _____ |
| 11 × 5 = _____ | 4 × 7 = _____ | 2 × 11 = _____ | 9 × 5 = _____ |
| 10 × 4 = _____ | 7 × 2 = _____ | 3 × 12 = _____ | 7 × 1 = _____ |
| 8 × 7 = _____ | 8 × 11 = _____ | 4 × 1 = _____ | 11 × 11 = _____ |
| 8 × 6 = _____ | 12 × 9 = _____ | 11 × 3 = _____ | 6 × 4 = _____ |
| 11 × 10 = _____ | 8 × 8 = _____ | 5 × 11 = _____ | 5 × 6 = _____ |
| 2 × 2 = _____ | 9 × 3 = _____ | 11 × 8 = _____ | 5 × 10 = _____ |
| 3 × 8 = _____ | 2 × 8 = _____ | 9 × 11 = _____ | 7 × 3 = _____ |
| 8 × 2 = _____ | 9 × 6 = _____ | 5 × 9 = _____ | 9 × 3 = _____ |
| 12 × 2 = _____ | 2 × 4 = _____ | 11 × 6 = _____ | 5 × 6 = _____ |
| 3 × 5 = _____ | 11 × 5 = _____ | 1 × 10 = _____ | 4 × 2 = _____ |
| 3 × 11 = _____ | 5 × 3 = _____ | 9 × 12 = _____ | 11 × 10 = _____ |
| 6 × 4 = _____ | 10 × 12 = _____ | 9 × 9 = _____ | 2 × 5 = _____ |

## Times Tables

Complete the times tables questions.

| | | | |
|---|---|---|---|
| 11 × 6 = _____ | 11 × 8 = _____ | 11 × 2 = _____ | 10 × 11 = _____ |
| 5 × 9 = _____ | 12 × 3 = _____ | 9 × 6 = _____ | 10 × 8 = _____ |
| 8 × 9 = _____ | 2 × 6 = _____ | 5 × 6 = _____ | 10 × 3 = _____ |
| 5 × 7 = _____ | 9 × 1 = _____ | 12 × 8 = _____ | 3 × 5 = _____ |
| 3 × 6 = _____ | 2 × 6 = _____ | 5 × 3 = _____ | 9 × 10 = _____ |
| 10 × 12 = _____ | 8 × 2 = _____ | 9 × 6 = _____ | 3 × 11 = _____ |
| 4 × 6 = _____ | 2 × 11 = _____ | 5 × 11 = _____ | 3 × 3 = _____ |
| 11 × 9 = _____ | 2 × 5 = _____ | 11 × 4 = _____ | 3 × 6 = _____ |
| 8 × 7 = _____ | 12 × 1 = _____ | 10 × 5 = _____ | 3 × 7 = _____ |
| 7 × 2 = _____ | 10 × 7 = _____ | 4 × 12 = _____ | 5 × 7 = _____ |
| 6 × 3 = _____ | 12 × 11 = _____ | 7 × 8 = _____ | 4 × 11 = _____ |
| 4 × 3 = _____ | 4 × 6 = _____ | 9 × 5 = _____ | 7 × 5 = _____ |
| 7 × 4 = _____ | 7 × 1 = _____ | 9 × 3 = _____ | 1 × 11 = _____ |
| 9 × 4 = _____ | 12 × 5 = _____ | 5 × 3 = _____ | 10 × 2 = _____ |
| 12 × 7 = _____ | 5 × 12 = _____ | 11 × 1 = _____ | 10 × 5 = _____ |

## Times Tables

Complete the times tables questions.

| | | | |
|---|---|---|---|
| 3 × 4 = _____ | 12 × 3 = _____ | 3 × 11 = _____ | 1 × 6 = _____ |
| 2 × 12 = _____ | 11 × 10 = _____ | 6 × 10 = _____ | 7 × 3 = _____ |
| 4 × 5 = _____ | 2 × 4 = _____ | 9 × 4 = _____ | 9 × 3 = _____ |
| 10 × 9 = _____ | 6 × 8 = _____ | 8 × 10 = _____ | 11 × 8 = _____ |
| 8 × 7 = _____ | 5 × 7 = _____ | 12 × 12 = _____ | 1 × 12 = _____ |
| 6 × 2 = _____ | 3 × 4 = _____ | 8 × 2 = _____ | 9 × 5 = _____ |
| 10 × 5 = _____ | 6 × 5 = _____ | 11 × 6 = _____ | 5 × 6 = _____ |
| 3 × 9 = _____ | 9 × 10 = _____ | 5 × 10 = _____ | 7 × 4 = _____ |
| 3 × 12 = _____ | 5 × 5 = _____ | 10 × 1 = _____ | 9 × 12 = _____ |
| 9 × 7 = _____ | 7 × 10 = _____ | 10 × 4 = _____ | 3 × 9 = _____ |
| 2 × 9 = _____ | 11 × 5 = _____ | 10 × 8 = _____ | 3 × 8 = _____ |
| 9 × 8 = _____ | 6 × 12 = _____ | 7 × 1 = _____ | 6 × 3 = _____ |
| 5 × 3 = _____ | 11 × 12 = _____ | 3 × 12 = _____ | 8 × 10 = _____ |
| 5 × 1 = _____ | 2 × 10 = _____ | 2 × 8 = _____ | 4 × 3 = _____ |
| 1 × 3 = _____ | 10 × 9 = _____ | 2 × 6 = _____ | 8 × 2 = _____ |

## Times Tables

Complete the times tables questions.

| | | | |
|---|---|---|---|
| 7 × 12 = _____ | 8 × 6 = _____ | 6 × 4 = _____ | 2 × 4 = _____ |
| 6 × 2 = _____ | 7 × 11 = _____ | 4 × 10 = _____ | 7 × 4 = _____ |
| 5 × 7 = _____ | 9 × 7 = _____ | 12 × 10 = _____ | 10 × 5 = _____ |
| 6 × 7 = _____ | 3 × 5 = _____ | 8 × 2 = _____ | 3 × 9 = _____ |
| 4 × 6 = _____ | 6 × 4 = _____ | 9 × 3 = _____ | 6 × 5 = _____ |
| 7 × 3 = _____ | 4 × 3 = _____ | 5 × 8 = _____ | 12 × 6 = _____ |
| 4 × 12 = _____ | 11 × 2 = _____ | 12 × 7 = _____ | 11 × 9 = _____ |
| 6 × 8 = _____ | 3 × 8 = _____ | 11 × 7 = _____ | 2 × 9 = _____ |
| 8 × 8 = _____ | 11 × 6 = _____ | 4 × 9 = _____ | 5 × 10 = _____ |
| 2 × 11 = _____ | 6 × 3 = _____ | 5 × 9 = _____ | 7 × 4 = _____ |
| 2 × 3 = _____ | 5 × 5 = _____ | 6 × 10 = _____ | 4 × 9 = _____ |
| 5 × 1 = _____ | 9 × 11 = _____ | 3 × 6 = _____ | 12 × 12 = _____ |
| 12 × 2 = _____ | 9 × 5 = _____ | 3 × 4 = _____ | 6 × 2 = _____ |
| 5 × 6 = _____ | 12 × 9 = _____ | 4 × 5 = _____ | 4 × 8 = _____ |
| 6 × 10 = _____ | 2 × 5 = _____ | 7 × 3 = _____ | 8 × 2 = _____ |

## Times Tables

Complete the times tables questions.

| | | | |
|---|---|---|---|
| 12 × 5 = _____ | 4 × 4 = _____ | 8 × 6 = _____ | 1 × 6 = _____ |
| 3 × 7 = _____ | 4 × 7 = _____ | 6 × 5 = _____ | 4 × 2 = _____ |
| 3 × 2 = _____ | 2 × 2 = _____ | 1 × 12 = _____ | 6 × 3 = _____ |
| 11 × 6 = _____ | 12 × 9 = _____ | 5 × 4 = _____ | 3 × 8 = _____ |
| 12 × 1 = _____ | 2 × 12 = _____ | 8 × 7 = _____ | 5 × 11 = _____ |
| 10 × 11 = _____ | 2 × 4 = _____ | 9 × 7 = _____ | 9 × 4 = _____ |
| 4 × 6 = _____ | 4 × 2 = _____ | 7 × 10 = _____ | 5 × 2 = _____ |
| 6 × 3 = _____ | 7 × 2 = _____ | 4 × 8 = _____ | 1 × 7 = _____ |
| 8 × 1 = _____ | 12 × 8 = _____ | 9 × 4 = _____ | 4 × 9 = _____ |
| 4 × 3 = _____ | 10 × 8 = _____ | 9 × 5 = _____ | 2 × 4 = _____ |
| 6 × 4 = _____ | 5 × 6 = _____ | 2 × 6 = _____ | 2 × 8 = _____ |
| 2 × 11 = _____ | 7 × 8 = _____ | 6 × 5 = _____ | 6 × 11 = _____ |
| 4 × 10 = _____ | 12 × 4 = _____ | 9 × 10 = _____ | 6 × 2 = _____ |
| 2 × 8 = _____ | 6 × 11 = _____ | 7 × 2 = _____ | 4 × 11 = _____ |
| 9 × 3 = _____ | 9 × 6 = _____ | 5 × 9 = _____ | 5 × 6 = _____ |

Handwriting

Copy and repeat the words below.

accident

accidentally

actual

actually

address

answer

appear

arrive

believe

bicycle

breath

Handwriting

Copy and repeat the words below.

breath

breathe

build

busy

business

calendar

caught

centre

century

certain

circle

Handwriting

Copy and repeat the words below.

complete

consider

continue

decide

describe

different

difficult

disappear

early

earth

eight

Handwriting

Copy and repeat the words below.

eighth

enough

exercise

experience

experiment

extreme

famous

favourite

February

forward

forwards

Handwriting

Copy and repeat the words below.

grammar

group

guard

guide

heard

heart

height

history

imagine

increase

important

interest

Topic

1. **Stonehenge** - Use Lego bricks or junk modelling materials such as boxes to make your own Stonehenge.

2. **Stone Age Pottery/Jewellery** - Make your own Stone Age pottery by making salt dough (250g plain flour, 125g salt, 125ml water) and add patterns to your pots. Make a bracelet or necklace by attaching salt dough beads to some string.

3. **Stone Age Paintings** - Collect some rocks and make your own real life stone paintings.

4. **Natural Paint** - Create different types of paint by crushing berries, grass, leaves and other natural materials. Use the paint to make a picture.

5. **Stone Age Quiz** - Create a Stone Age quiz for your family and test them to see who can get the best score.

6. **Cave/Clothing Design** - Imagine you live in the Stone Age, design your own cave/ outfit that you would wear. Remember what resources were available during the Stone Age.

7. **Stone Age Fact file** - Create a fact file about the Stone Age.

Science - Electricity

Record all the different ways you used electricity today.

Decide whether it is essential or not (e.g. essential - cooking food)

| How I used electricity today | Essential or non essential? |
| --- | --- |
| | |

## Science - Electricity

Make a poster explaining how to stay safe around electricity.

## Science - Sound

Take a walk indoors or outside and identify what sounds you can hear. State whether they are high or low, loud or quiet.

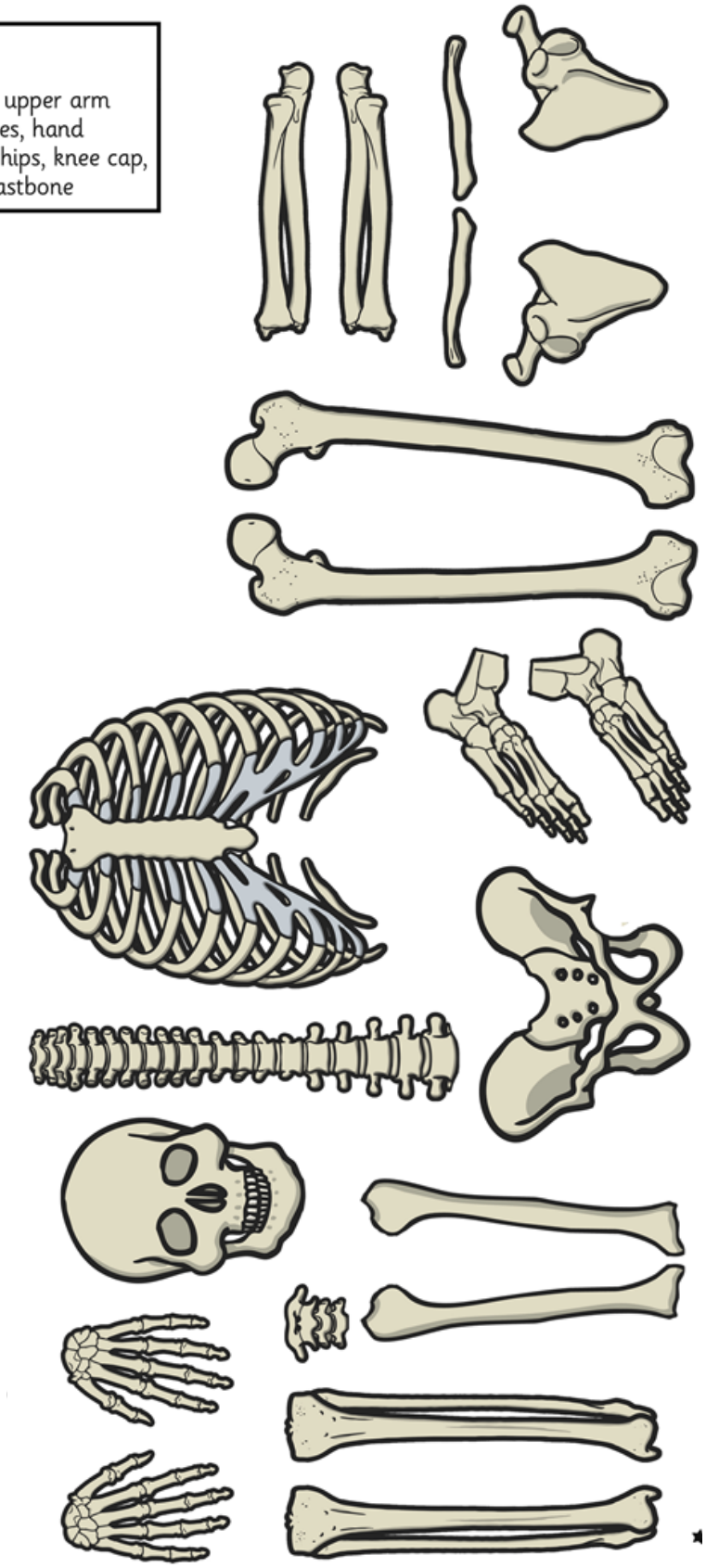
| What can you hear? | Is it high or low? | Is it loud or quiet? |
|---|---|---|
| | | |

# Science - Human Body

Cut out and create your own skeleton. Add labels to the completed skeleton.

**Key Words:**

skull, rib, rib cage, collar bone, ankle bones, upper arm bone, thigh bone, lower leg bone, finger bones, hand bones, shoulder blade, jaw, backbone, wrist, hips, knee cap, foot bones, lower arm bones, toe bones, breastbone



Science - Experiment (Adult support may be needed for some experiments)

# Fireworks in a Glass

**You Will Need**

- Warm Water
- Oil
- A Tall Glass
- Food Colouring


This is a very cool, simple and fun experiment, and also completely safe, just don't drink the water!

**Method**

1. Fill the tall glass with warm water.
2. Pour a small amount of oil into another container and add a few drops of food colouring.
3. Give it a good stir, if it doesn't mix, add a bit of water.
4. Pour the food colouring and oil mixture into the warm water and watch the fireworks!

# Dissolving

**Which solids dissolve in water?**

**You Will Need**

- Water (hot and cold)
- Transparent Containers
- Substances to try and dissolve; sand, sugar, salt, coffee etc


**Method**

1. Add a teaspoon of whichever solid you are testing to a glass of cold water and a glass of hot water, stir and observe the difference.
2. Look to see if the solid dissolves in the hot water and cold water and if one is better than the other.
3. Can you design a chart to record your observation?

Science - Experiment (Adult support may be needed for some experiments)

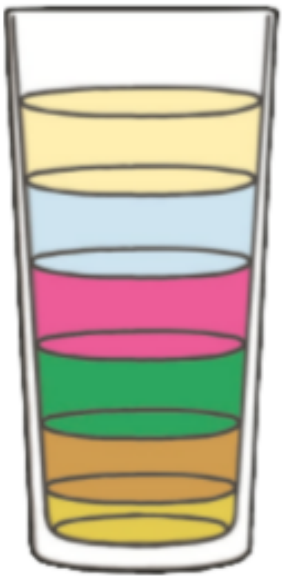
# Fun with Density

**You Will Need**

- Honey
- Milk
- Water
- A Glass
- Vegetable oil
- Food colourings
- Golden syrup
- Washing up liquid


**Density** is a really tough concept to grasp. We confuse ourselves by referring to our weight all the time when we really mean our **mass**. **Mass** is effectively 'how much stuff' is there. **Density** is how much mass is in a volume (or space).

One way to illustrate density is to pour different liquids (which have different densities) on top of each other. The liquids with the greatest density sink to the bottom.



**Method**

1. Measure out the same volume of each of the liquids. Colour the water and the milk if you wish.
2. Starting from the bottom, pour in the honey. Make sure it goes into the middle of the glass and that you don't get any honey on the sides.
3. Slowly pour the golden syrup on top, followed by the washing up liquid.
4. Then add the milk, followed by the water.
5. Finally top with vegetable oil and admire your rainbow glass!

Science - Experiment (Adult support may be needed for some experiments)

# Lava Lamp

**You Will Need**

- Water
- Vegetable Oil
- A Clear Plastic Bottle or Jar
- Food Colouring
- Effervescent Tablets


**Method**

1. Fill the bottle or jar  a quarter full with water.
2. Top up, almost to the top with the vegetable oil
3. They should separate into two layers, water at the bottom and oil sitting on top.
4. Add about 6-8 drops of food colouring once the oil and water separate.
5. The colour will mix with the water at the bottom.
6. Pop in half an effervescent tablets  and watch the bubbles form. Add more effervescent tablets bit by bit to keep the bubbles rising and falling.

Science - Experiment (Adult support may be needed for some experiments)

# Cornflour Slime

**You will need:**

A large bowl

200ml water

Food colouring

200-300g cornflour

Aprons

Large covered table or area where mess is not a problem

## Method:

1. Pour the cornflour into the bowl.
2. Pour the water in, mixing slowly as you go. Keep adding more water until the mixture becomes thick (and hardens when you tap on it).
3. Add a few drops of food colouring to make your slime the colour you want it.
4. Put your hands in the slime and experiment with handling it.
5. What happens when you pick the slime up, squeeze it or even punch or slap it?

Science - Experiment (Adult support may be needed for some experiments)

# Rainbow Colour Mixing

**You will need:**

A bowl

A cup of milk (whole or 2%)

Different colours of food colouring

Washing-up liquid

## Method:

1. Carefully pour a cup of milk into a bowl.
2. Taking care not to mix the colours, drop three drops of one food colouring at one side. About a third of the way around, add three drops of another colour and another third of the way around, add three drops of another colour.
3. Next, squeeze a drop of washing-up liquid into the centre of the bowl.
4. What happens to the colours?