

Tuesday 9th June

Daily activities

Daily Physical Activity



- It's entirely up to you how you get active today-the only rules are you must keep moving and have a drink to hand to keep yourselves hydrated.

Why not try one of the following:

- Go for a walk or run, with an adult, near your home.
- If you're lucky enough to have a bike or scooter, ask your adult if they'll take you out for a ride.
- If you have outside space available, set up an obstacle course and complete it as quickly as you can.
- How many laps of your outside space can you do in 10 minutes? Have a rest/drink break and then go again for another 10 minutes? Did you beat your previous record?
- Put on your favourite music and dance like there's no one watching!
- Practise a dance or gymnastics routine which you were learning before 'lockdown' begun (you may be still in receipt of online dance/gymnastic tutorials if your teacher is doing them, in which case-practise a routine they've set for you).
- Practise those popular dance moves that make an appearance in our classrooms everyday (not that many of you need encouragement to do this!)



THE WIGGLE



Reading at home

You should still be aiming to read for *at least 20 minutes everyday*.

Remember, you can now take Accelerated Reader quizzes from home by using this link [Howley Grange Renaissance at home](#) and logging on as usual using your username and password.

To check that the book you are reading has a quiz, you can check it using on [Accelerated Reader Bookfinder](#). It's okay to read books which haven't got a quiz - just keep a record of what you have read.

Keep reading and exploring new worlds and adventures!

PSHE

Theme: Positive Attitude

A Positive Attitude

Thinking positive thoughts and always seeing the best in a situation is called having a positive attitude to life. It can make you a happier person and plays an important part in having good mental health.



A Positive Attitude

Read the quotes below about having a positive attitude and choose the one that you like the best.

"Every day may not be good but there is good in every day."

"Having a positive attitude is asking how something can be done instead of saying it can't be done."

"We can complain because rose bushes have thorns or rejoice because thorn bushes have roses."

"A positive attitude will lead to positive outcomes."

"A bad attitude is like a flat tyre; you can't go anywhere until you change it."

"Attitude is a little thing that can make a big difference."

A Positive Attitude

Your answers to these questions can either be thought about; verbal (tell someone in your house) or written down- the choice is yours.

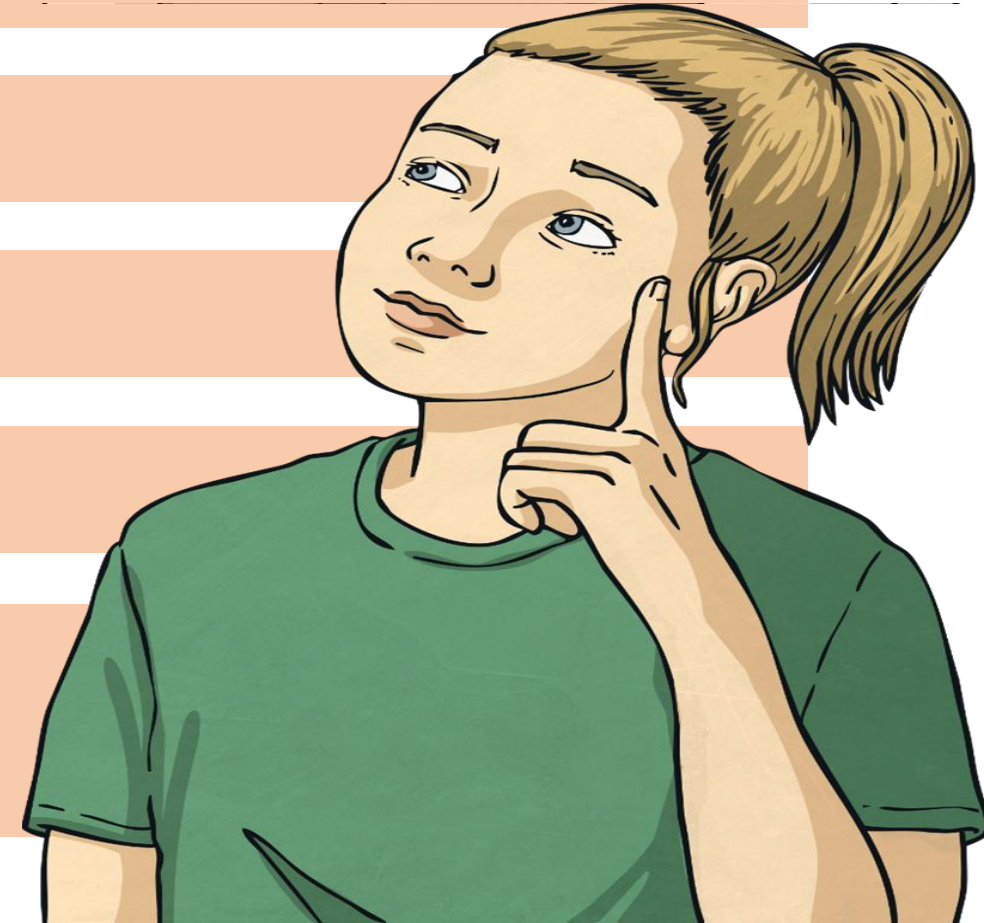
Which quote was your favourite?

Can you explain why you chose it?

Why are quotes like this helpful?

Will you remember and use the quote you liked?

How can positive thinking, or having a positive attitude, help us to have happy minds?



English

Daily Spelling Practice

Year 3 and 4 Statutory Spellings

| | | | | | | |
|--------------|-----------|------------|-----------|--------------|----------|-----------|
| accident | caught | eighth | heard | minute | possible | strange |
| accidentally | centre | enough | heart | natural | potatoes | strength |
| actual | century | exercise | height | naughty | pressure | suppose |
| actually | certain | experience | history | notice | probably | surprise |
| address | circle | experiment | imagine | occasion | promise | therefore |
| answer | complete | extreme | increase | occasionally | purpose | though |
| appear | consider | famous | important | often | quarter | although |
| arrive | continue | favourite | interest | opposite | question | thought |
| believe | decide | February | island | ordinary | recent | through |
| bicycle | describe | forward | knowledge | particular | regular | various |
| breath | different | forwards | learn | peculiar | reign | weight |
| breathe | difficult | fruit | length | perhaps | remember | woman |
| build | disappear | grammar | library | popular | sentence | women |
| busy | early | group | material | position | separate | |
| business | earth | guard | medicine | possess | special | |
| calendar | eight | guide | mention | possession | straight | |

Spelling practice this week follows a similar format to that at the end of last week. The focus is still on words from the year 3 and 4 spelling list as we want you to know how to spell them.

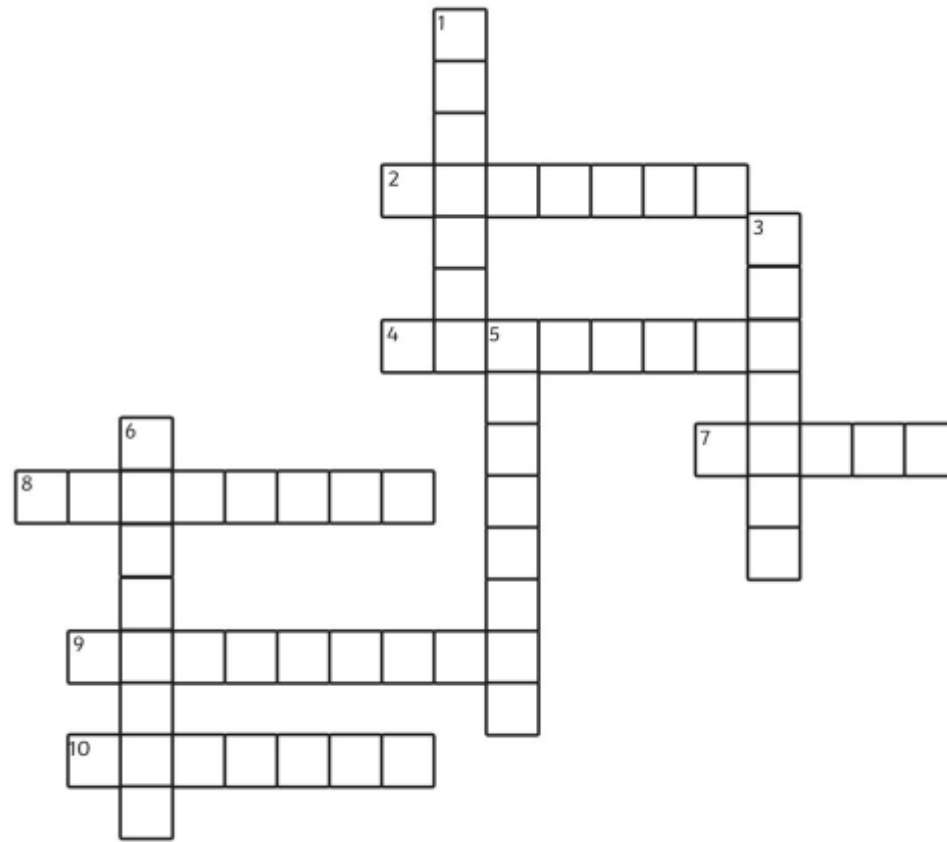
On the following slide, you will find a cross word to complete. All of the words which you will need to complete the crossword are taken from the Year 3 and 4 spelling list (pictured left)-use the clues to work out which words need to be inserted. Be sure to look to see whether it needs to be written across (horizontally) or down (vertically).

Answers (as you know by now) are at the end of the presentation so that you can self mark (no cheating though!) and the idea, this week, is-once you've marked your answers, any spellings which you got wrong become the spellings for you to practise that day.

If you make lots of errors or are finding it too hard, go back through your spelling book and practise a few of those you've previously got wrong in a test instead. Alternatively, on slides 12 and 13 there are lots of different ways to practise 2 words from the year 3 and 4 list (so you'll know them inside out!) ★

Please don't stress yourselves out unnecessarily!

There will be a slide each day to remind you of various ways to practise the words you're focusing on but the ideas are not exhaustive meaning that you can practise in other ways if you have other ideas.



Across

- 2. Assurance something will or will not be done.
- 4. Strange, odd.
- 7. Female.
- 8. Substances of which a thing is made.
- 9. Facts accumulated in the course of time.
- 10. Unusual, odd.

Down

- 1. Very high or highest degree.
- 3. Desired result.
- 5. To bear in mind.
- 6. Power.

Daily spelling practice

You may choose to do one or each of the following to practise your focus words (these could be common exception words or words you often spell incorrectly if not from the previous crossword task).

1. Practise spelling them by using the strategy: Look, say, cover, write and check.
2. Jot down and make 2 copies of your focus words and ask someone in your house to play 'Snap!' Before you're able to win the pair of cards, you should close your eyes and have a go at spelling the word.
3. Use the focus words you've made. Turn them all over face-down and play matching pairs. Turn over 1 card at a time and attempt to find the one that matches!
4. Make a mnemonic to help you remember how to spell the word (the sillier the better!) e.g. People= **p**eople **e**at **o**ranges **p**igs **l**ike **e**ggs!
5. You could write each letter in a different colour (rainbow writing).
6. Create a word pyramid - s

sc

sci

scie

scien

scienc

science

7. Describe the word to an adult or sibling-you could tell them the word class, what it means but you **must not** say the word!

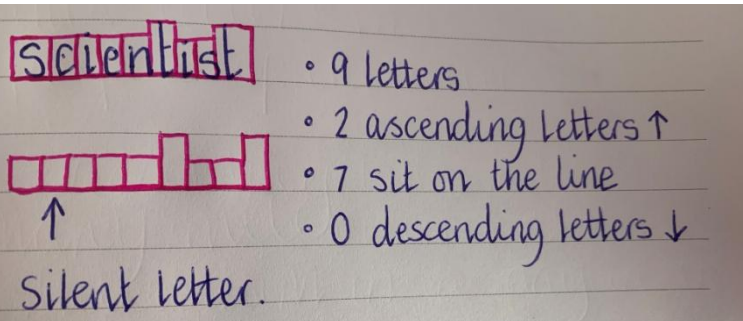
8. Try drawing around the word to help you remember how many letters and the shape of them (see bottom left).

9. You could play 'Hangman' with people in your house-make sure you're accurate when you tell them which letters are/aren't in your chosen words!

10. Write the word backwards.

11. If you have chalk available, write your focus words on the floor to create 'Hopscotch' and when you land on a given word, close your eyes and spell it aloud.

12. Say each letter in turn as you go upstairs or when bouncing on the trampoline (if you have one).



Statutory Spelling Word Activity Mat: breath

4



Use a dictionary to define the word **breath**.

Add the word **breath** to these sentences.



Do not hold your _____.

"I'm out of _____!" called Jim.

Take a deep _____.

I gasped for _____.

Which word class does the word **breath** belong to?

| | | |
|-------------|-------------|-----------|
| noun | verb | adjective |
| adverb | conjunction | pronoun |
| preposition | determiner | |

Write the syllable of the word **breath** inside the hands.



Finish off the word **breath**.

| | |
|-----------|----------|
| bre _____ | _____ath |
| _____th | br _____ |

Now write the full word.

Trace the word **breath**.

breath
breath
breath

Which of these words means the same as **breath**?

wind acid tired novel

Write your own sentence containing the word **breath**.

Edit and improve these words so that they correctly spell the word **breath**.

breth breathe breaff

Statutory Spelling Word Activity Mat: breathe

5



Use a dictionary to define the word **breathe**.

Add the word **breathe** to these sentences.

They would never _____ a word.

"_____!" demanded the paramedic.

I felt her _____ down my neck.

_____ in and hold it for five seconds.

Write the syllable of the word **breath** inside the hands.



Which word class does the word **breathe** belong to?

| | | |
|-------------|-------------|-----------|
| noun | verb | adjective |
| adverb | conjunction | pronoun |
| preposition | determiner | |

Finish off the word **breathe**.

brea_____

_____the

_____he

br_____

Now write the full word.

Trace the word **breathe**.

breathe

breathe

breathe

Which of these words means the same as **breathe**?

consume **inhale** **reduce** **virus**

Write your own sentence containing the word **breathe**.

Edit and improve these words so that they correctly spell the word **breathe**.

breethe

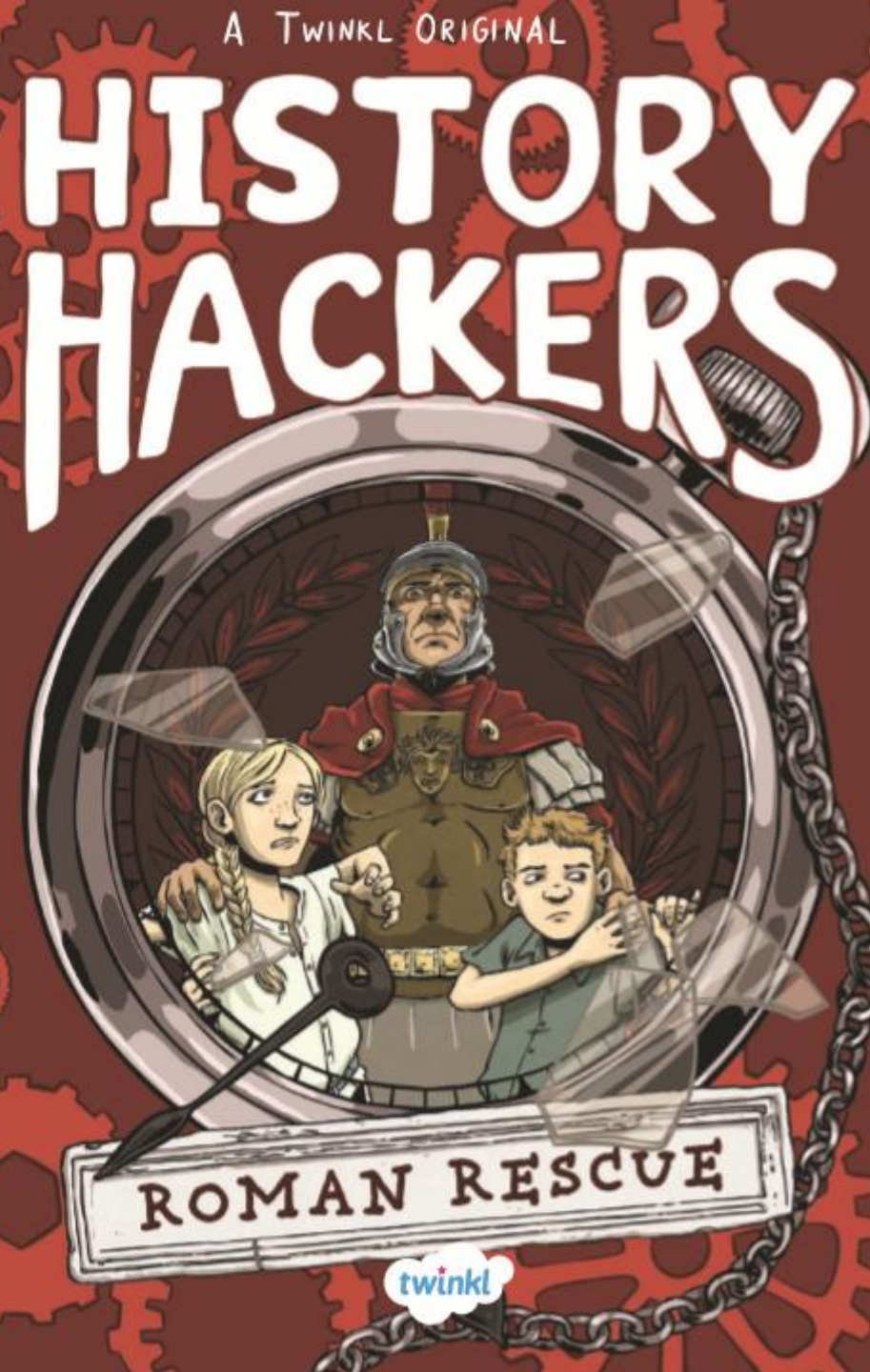
breath

breave



W.A.L.T: make predictions based on what we've read.

- On the following slides you will find chapter 1-A very difficult door (from the story History Hackers: Roman Rescue) which you may have already read as part of yesterday's home learning.
- Re-read it and then choose 1 of the activities on slide 20 or 21 and complete it. You may wish to print off whichever one you choose and write on the sheet or you may choose to draw your own on paper which you have at home.
- As we're not there to discuss the story, if you are not comfortable with mystery and suspense in stories and find them frightening-we suggest avoiding the story and doing the activity on slide 20-this is absolutely fine.



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Chapter 1

A Very Difficult Door

Small fingers gripped Tilda Hacker's elbow from behind, squeezing until painful shivers shot up to her shoulder. The eleven-year-old stopped climbing the bare staircase with a sigh, glancing down at the nervous face behind her.

Beneath the scruffy blonde haircut that might look more at home on a terrier, Charlie Hacker's blue eyes threw worried glances toward the narrow door looming at the top of the stairs. "What if the attic is haunted?"

"Don't be such a numpty!" Tilda peeled her younger

brother's slim fingers away from her arm and sent strands of sandy hair flying back across her shoulders with a flick. "Why would Dad send us to the attic if it was haunted?"

"Erm, because he doesn't believe in ghosts?" the ten-year-old reminded her. "And he's too busy to remember that I do!"

Tilda wrinkled her freckled nose as invisible specks of freshly-disturbed dust threatened to make her sneeze. It had been years since anyone had climbed the narrow staircase. She still felt pleased that her mother and father had trusted her to explore the attic and hunt for anything valuable. Perhaps they saw her potential to become a proper antiques dealer, just like them.

The Hackers had lived in the creaking rooms above their antique shop for almost three months now. According to letters that the postman still slipped through their door, the previous resident had been a man called Professor Howe. For reasons nobody knew, he'd left in a hurry over a year earlier, leaving behind all his possessions and stacks of unpaid bills.

Since buying the house at an auction, the family had spent every spare hour decluttering their new home,

room by room. Now, only the attic needed to be cleared.

Tilda leaned her slender frame against an uneven wall. "Don't you think we'd know by now if this house was haunted?"

"Ghosts don't exactly send you a friend request, Tils!" Charlie fired his older sister a look that seemed to challenge her IQ. "Besides, everyone knows York is England's most haunted city." The thought seemed to send a shiver dancing through Charlie's body. "Dad says there's a pub not far from us that once had an entire legion of Roman soldiers walk right through the cellar. They're probably up there right now, plotting how best to scare us both."

"Well, someone should tell them they needn't bother," Tilda said. "You seem to be doing a pretty good job of that all by yourself."

Tiring of Charlie's whimpering, she grabbed his wrist and restarted her ascent. "Come on – I'll go in first and check it out. I mean, how scary can a group of dead men in skirts be anyway?"



The unpolished brass door handle bit like ice against Tilda's palm. It refused to move.

"Good," cheered Charlie. "I'll tell Dad the lock is broken. He'll never fork out for the repair."

Refusing to give up so easily, Tilda grabbed the handle with both hands and heaved against it a second time. Determination drove her to keep trying, until beads of sweat were tickling her nose and her hand felt like it had just caught a champion tennis player's hardest serve.

Tilda nursed her hand and glared at the stubborn metalwork. This felt like stalemate.

"Told you it was broken," Charlie said triumphantly. "The only way you'll ever get through is by kicking the door down."

Tilda whirled around and snatched a handful of her brother's T-shirt. "Charlie Hacker, you're a genius!"

"Eh?"

"Gimme one of your trainers."

"What? No! They won't fit you."

"I'm not going to wear it, silly. I'm going to use it to get through the door."

Too impatient to wait, Tilda crouched and grasped hold of her brother's right shoe.

"Hey! Gerroff!"

"You can have it back in a minute. I just need something tough enough to tackle this handle."

"It's made of rubber and foam," bleated Charlie. "You're going to murder my trainer."

"These things are designed to run up mountains. I'm sure it can take a couple of thumps and wallops."

"You'll be getting the thumps and wallops if you ruin that thing. Do you know how much these cost?"

Showing how little she cared, Tilda slammed the shoe against the door handle with all the strength she could muster. The rubber sole hit its mark with a determined thud, then bounced away faster than a ricocheting bullet, throwing Tilda against the solid stone wall.

"That thing's not going to move, Tils," Charlie insisted.

"You're wasting your time."

"I'm not letting a door handle get the better of me."

Crouching like a resolute brawler, Tilda moved back towards the door. When the shoe struck the handle a second time, she cleverly used the rubber sole's recoil as fuel for her third and fourth strikes. Each blow grew more and more forceful, until...

"It moved!" she gasped. "It's working."

"Try telling my poor trainer that."

Further blows weakened the handle and excitement bubbled in her stomach, until eventually the handle gave a satisfying click.

As the door sprang ajar, a lip of unexpected yellow light poked through a gap no wider than a mouse's head. Slim fingers of dust coiled into the stairwell, closely followed by the scent of dried timber.

Tilda handed back her brother's shoe, sniffing the air like a curious puppy. "Well, it certainly doesn't smell haunted."

More than anything, the room smelled as if nobody had paid it much attention since the house had been constructed.

Apparently happy that his shoe had survived unscathed, Charlie slipped it back onto his foot before the room's scent caught his attention too.

"It smells like Grandad's woodworking shed." Charlie's nose flared above a slight smile. "I love the smell of wood."

Tilda raised an eyebrow. "So, you're coming in then?"

Charlie's smile vanished as he shuffled awkwardly. "Yeah! Of course! I just need a minute to let my... erm... shoe recover. The stressed foam could give way at any time and snap my ankle!"

Tilda gave him a begrudging nod; in her younger brother's database of excuses, that was certainly one of his best.

When she gently eased the door open, reluctant hinges shrieked like startled seagulls. If she hadn't been so excited by the thought of what hidden treasures awaited her, Tilda might have wondered how long it

had been since the door had moved.

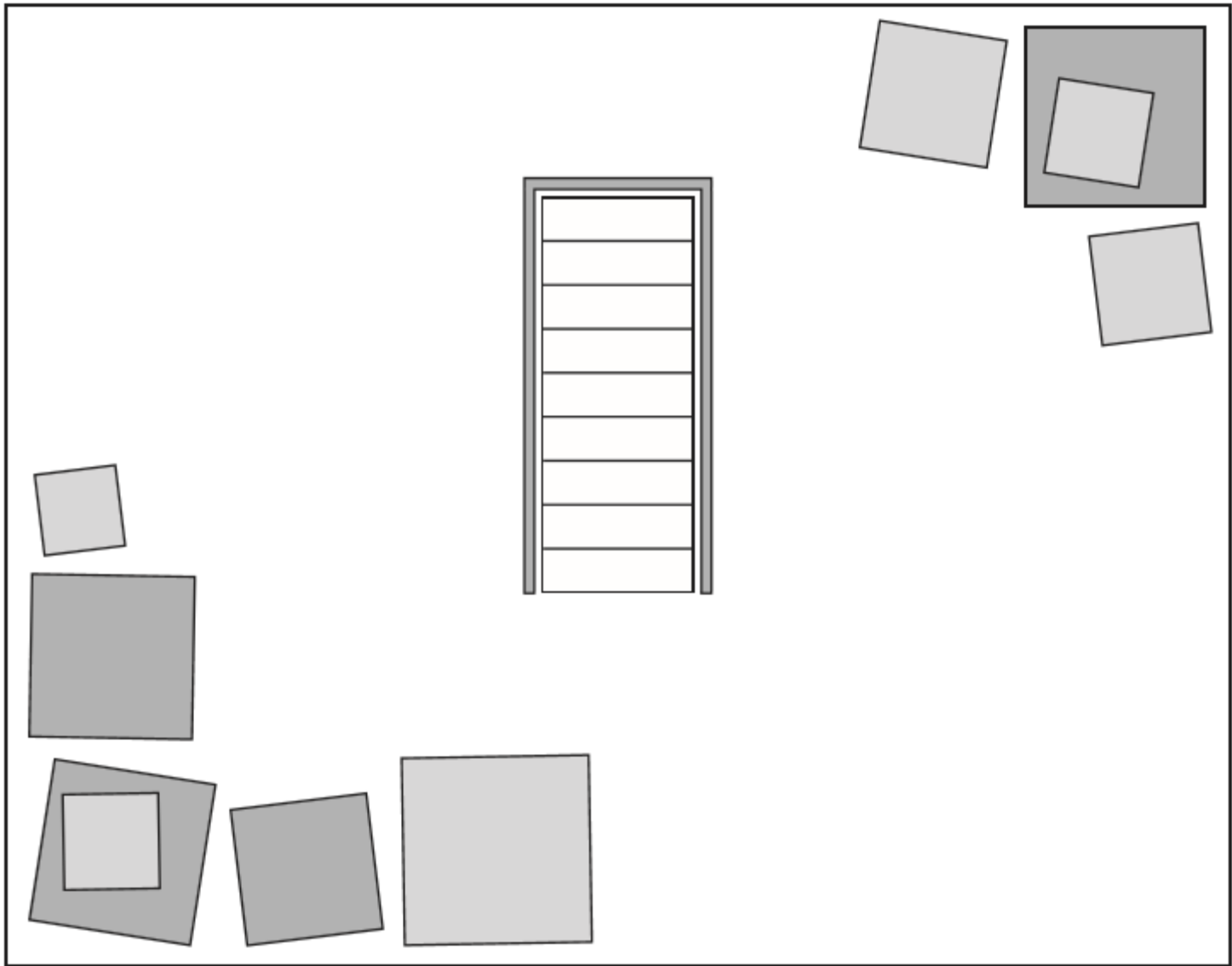
The combination of light and dust blinded her for a moment as her feet landed on bare floorboards. Warmth she hadn't expected wrapped itself around her like welcoming arms.

Once acclimatised to the room's unexpected brightness, Tilda could hardly believe the sight that greeted her.

The attic stretched across the entire length and width of the building; as Tilda's gaze bounced from one corner to the next, she was shocked to see that every centimetre of space was filled with exactly the same thing...

Nothing.

Imagine that you were the one who went into the attic to find out what was there. Use your imagination to draw and write about what you would want to find. Maybe it would be a room full of the best toys and games ever, or it was a secret zoo filled with friendly animals. Draw your plan of the attic below. Then, label it and write a few sentences about what you have found.



You may wish to write more than what you can fit on the lines below-brilliant-use your English homework book or some paper that you have at home.

Write about what you found here.



There are no right or wrong answers for this-so there are no answers at the end of the presentation.

Maths

Have you played in Studio yet?
If yes, what's your current rock status? What's your current studio speed?

Keep going! Aim for the top 10 on that leader board next week.

Have you had chance to play in Garage yet?
Remember, every question you get right is 10 coins for your class!
4EW v 4GA: which class will win?

We understand that you may not be able to get involved online and are practising your tables in other ways e.g. completing paper booklets, chanting them, saying them as you go up the stairs etc. -that is absolutely fine too!

But if you are able to get involved, we'd love as many of you to do so as possible.



Aim to spend 15 minutes each day practising your times tables and associated division facts- we don't mind how you do it but we don't want you to forget them as they will help you for the rest of your lives!

10-4-10

Complete in the same way as we do in school. Aim to complete as many questions as you can in 10 minutes. Miss them out if you're spending too long thinking about how to tackle them. You don't need to write the question. Only show your workings if you need to. You should use the squares in your Maths homework book as this will help you set out any written methods.

1. $56 \times \underline{\quad} = 56$
2. $327 \times 0 =$
3. $6,824 = \underline{\quad} + 800 + \underline{\quad} + 4$
4. $3,000 + \underline{\quad} + \underline{\quad} + \underline{\quad} = 3,561$
5. $45 \times 9 =$
6. $563 \times 7 =$
7. $8 \times \underline{\quad} = 96$
8. $132 \div \underline{\quad} = 12$
9. $10 \times 78 =$
10. $2.1 \times \underline{\quad} = 210$

Extension

11. Name 8 factors of 72.
12. $0.9 + \underline{\quad} = 2$
13. Which month comes before August?
14. How many seconds in 5.42 minutes?
15. $5,678 \div \underline{\quad} = 56.78$
16. What time is 1 and a half hours later than 16:00?
17. $97.3 + 12.56 =$
18. $35.08 + \underline{\quad} = 40$
19. What date will it be one week after 29th July?
20. If I count from 0 in 3's, will I say the number 264?

New learning-you've not been taught this in year 4 before.

W.A.L.T: identify, compare and order angles.

- Read the slides that follow this one. There will be things for you to think about on each slide.
- As you read the following slides today, you'll see there are some tasks throughout for you to have a go at-take note of the stars.
- As you're used to by now, the answers are at the end of today's presentation-no cheating though!

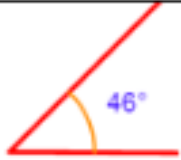
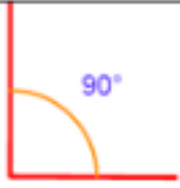
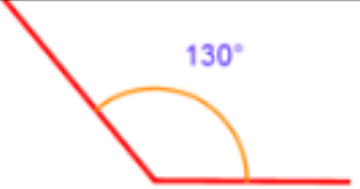
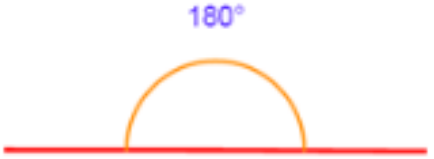
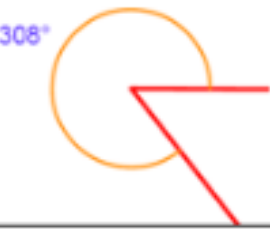

I'd like to start this maths lesson with a bit of history...

A long time ago, in very simple terms, mathematicians liked the number 6. They also thought that there was 360 days in a year. (There are actually 365 and a quarter days in a year.) but they weren't far off, and 360 is a brilliant number because it has lots of factors and is the product of $6 \times 6 \times 10$. Lovely.

It so became that they made a full rotation, a turn from North, all the way around clockwise back to North as being 360 degrees. At the time, one degree for each day that there was in a year!

- There are four seasons in a year, Spring, Summer, Autumn and Winter, and so the four quarters of a turn became important in both time, angles and compass directions.
- Angles are organised into sections based on the 90 degree angle, or right angle in a similar way. Look at the chart on the following slide and remember the vocabulary words for each type of angle.
- Angles are measured in degrees.

The 90 degree angle, or “right angle,” is also marked as having a square in the corner. (Remember Monday?)

| Type of Angle | Description | Example |
|----------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Acute Angle | An angle that is less than 90° |  |
| Right Angle | An angle that is exactly 90° |  |
| Obtuse Angle | An angle that is greater than 90° and less than 180° |  |
| Straight Angle | An angle that is exactly 180° |  |
| Reflex Angle | An angle that is greater than 180° and less than 360° |  |
| Full Angle | An angle that is exactly 360° |  |

- State the type of angle (acute, right, obtuse or reflex) for the following: (use the previous slide to help you)

a) 45°

Type of angle:

b) 220°

Type of angle:

c) 6°

Type of angle:

d) 105°

Type of angle:

e) 185°

Type of angle:

f) 90°

Type of angle:

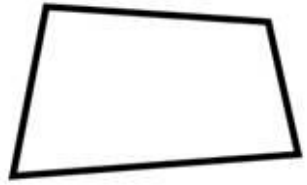
g) 350°

Type of angle:

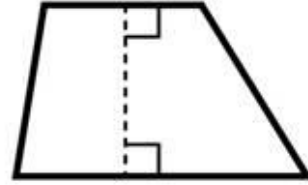
h) 170°

Type of angle:

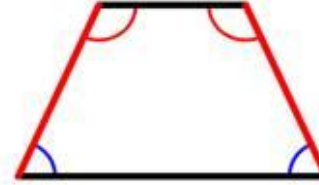




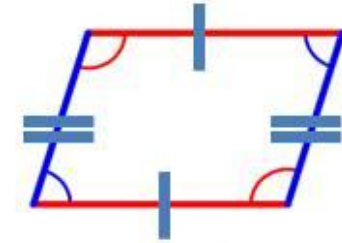
Irregular
Quadrilateral



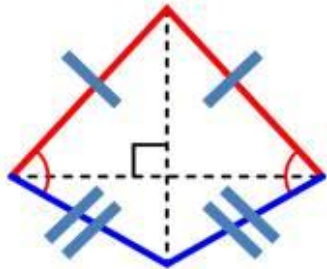
Trapezium



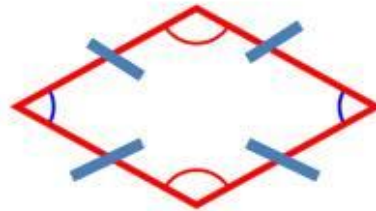
Isosceles
Trapezium



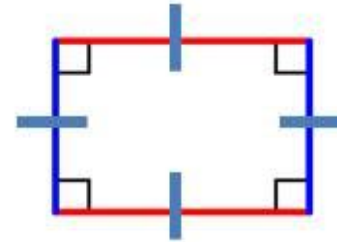
Parallelogram



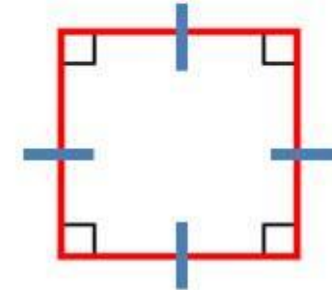
Kite



Rhombus



Rectangle



Square

Just for information: see how these different types of shapes contain the different angles. All of the angles marked are **internal** angles, meaning they're all **inside** the shapes. Every angle at a corner on each of these shapes on the **outside** of the shape is a reflex angle. (These aren't marked)

Shape types and names

- It would probably help to be able to identify shapes and their properties and be able to talk about similarities and differences in shapes.
- You need to try to learn the information on the following slide, and picture shapes in your head given their descriptions and properties and name them back.
- Also, being given a shape, you need to talk about its properties, or draw and label an example.
- Practise with a maths buddy, giving them the following slide, on the tech, or printed out to test you.

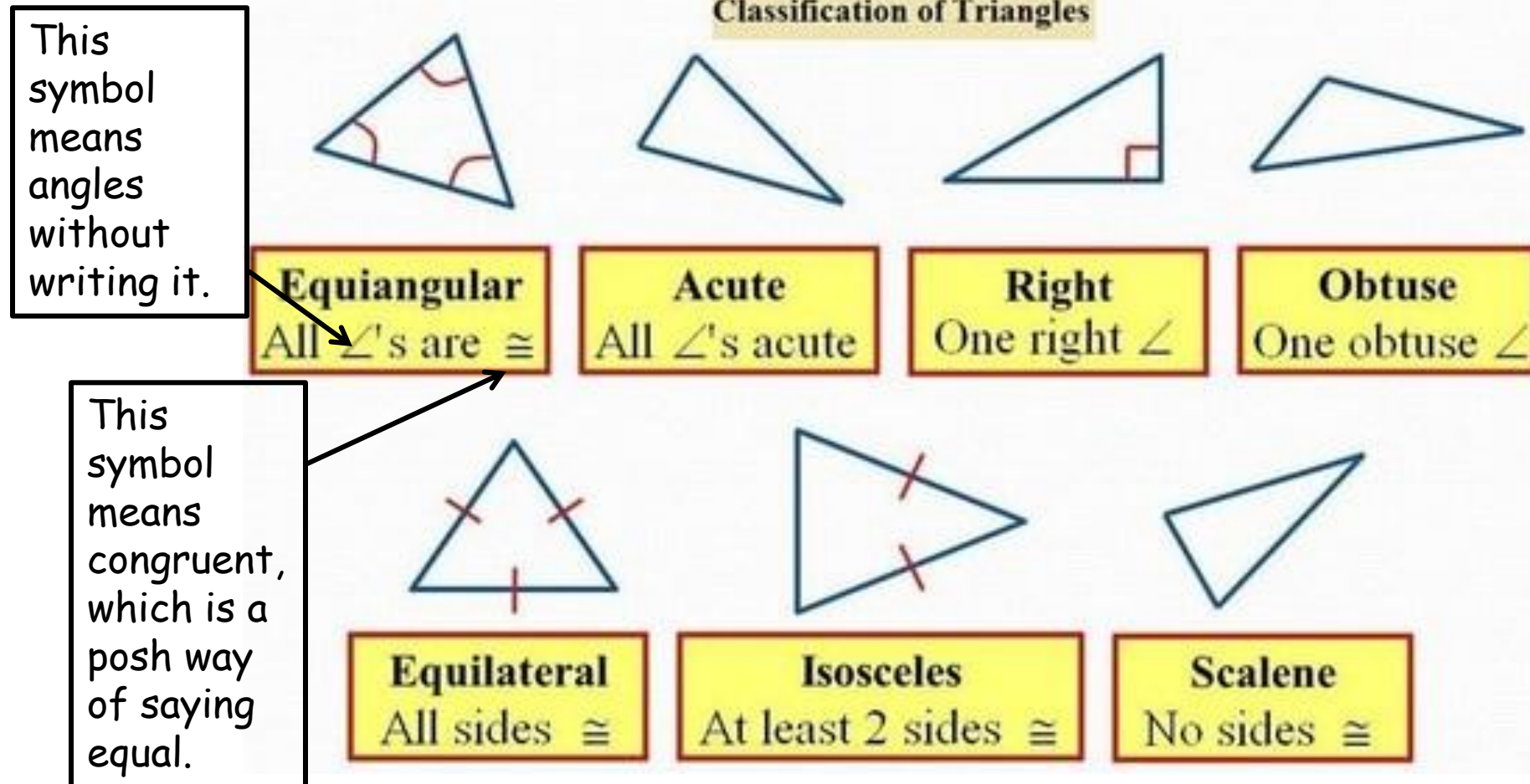
Regular shapes: (These are 2D shapes that have sides all the same length and internal and external angles at each corner that are the same.)


| Name: | Number of straight sides: |
|----------------------|---------------------------|
| Equilateral triangle | 3 |
| Square | 4 |
| Pentagon | 5 |
| Hexagon | 6 |
| Heptagon | 7 |
| Octagon | 8 |
| Nonagon | 9 |
| Decagon | 10 |
| Hendecagon | 11 |
| Dodecagon | 12 |

Each shape after this also has an individual name based on its number of sides, but we can simply use “polygon” at this stage. (A 27-sided polygon.)

However....

- Other shapes also exist that are not regular.
- There are different types of triangle for example:





Be careful –
tricky
combinations.

- These can become confusing as a right-angled triangle for example, could also be isosceles or scalene, but a right-angled triangle could never be an equilateral triangle.



Try this triangle test: (use page 32 to help you)

- **Know the answer for each and list them.** (Answers at the end.)
 - A) All angles the same and all sides the same length.
 - B) Two sides same length and two angles the same.
 - C) No sides the same length.
 - D) Has one 90 degree angle.
 - E) Has all angles less than 90 degrees.

Your task for today: (you can all have a go at this!)

- Use the top of a cereal packet that's open, or paper if you have some handy...
- A) Draw a triangle, any size or shape.
- B) Colour in the corners three different colours, (or label them a, b and c.) Draw an arrow pointing outwards to each point.



- C) Cut out the triangle carefully using scissors and cut the corners off.



- D) Line up the corners against a drawn (or any) straight line.



- Any straight line will do...



- What do you always notice? Can you explain this?

My simple explanation on the next slide, but have a go at saying it first.

Explanation:

- Very simply, no matter how big or small or type of triangle that it is, the **three internal (inside) angles added together** always add together to **make** a total of **180 degrees**.
- Think about a square – same principle. It always has four 90-degree angles. A triangle is similar.



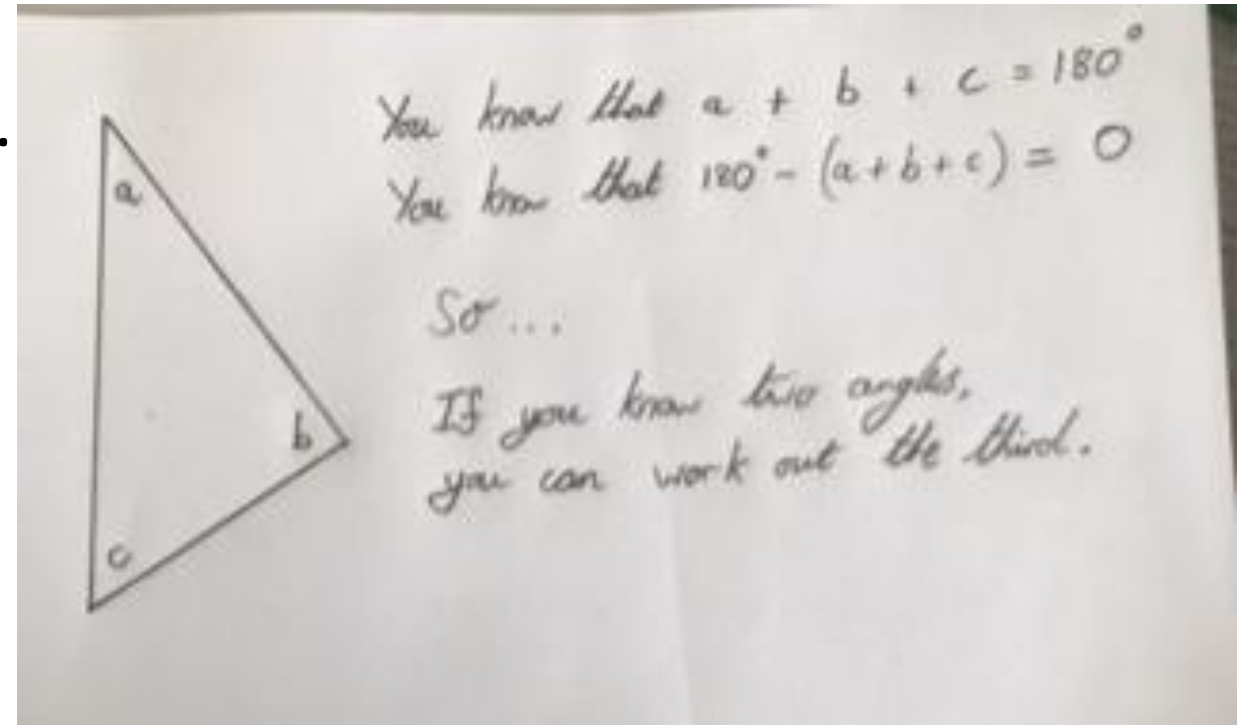
Tricky algebra? Do not fear...

- Have a look at this concept briefly. We'll have some questions on it tomorrow.
- It looks tricky, but it's not too bad.

If a is 35 degrees, and c is 65 degrees, that's 100 degrees altogether.

180 minus 100 is 80, so angle b must be 80 degrees.

$a + b + c = 180$, so $35 + 65 + 80 = 180$. Remember that the internal (inside) angles of a triangle always add up to equal 180 degrees.



Answers

Crossword Answers

Across

- 2. promise
- 4. peculiar
- 7. woman
- 8. material
- 9. knowledge
- 10. strange

Down

- 1. extreme
- 3. purpose
- 5. consider
- 6. strength

Statutory Spelling Word Activity Mat: breath

4



Use a dictionary to define the word **breath**.

The air taken into or expelled from the lungs.

Add the word **breath** to these sentences.



Do not hold your **breath**.

"I'm out of **breath**!" called Jim.

Take a deep **breath**.

I gasped for **breath**.

Write the syllable of the word **breath** inside the hands.



Which word class does the word **breath** belong to?

| | | |
|-------------|-------------|-----------|
| noun | verb | adjective |
| adverb | conjunction | pronoun |
| preposition | determiner | |

Finish off the word **breath**.

breath

breath

breath

breath

Now write the full word.

breath

Trace the word **breath**.

breath

breath

breath

Which of these words means the same as **breath**?

wind

acid

tired

novel

Write your own sentence containing the word **breath**.

Your own answers-possible answer e.g. After playing netball for half an hour, I was out of breath!

Edit and improve these words so that they correctly spell the word **breath**.

breth
↑

breathe

breath

Statutory Spelling Word Activity Mat: breathe

5



Use a dictionary to define the word **breathe**.

To take air into the lungs
and then expel it.

Add the word **breathe** to these sentences.

They would never breathe a word.
" Breathe !" demanded the paramedic.

I felt her breathe down my neck.
Breathe in and hold it for five
seconds.

Write the syllable of the word **breath**
inside the hands.



Which word class does the
word **breathe** belong to?

| | | |
|-------------|-------------|-----------|
| noun | verb | adjective |
| adverb | conjunction | pronoun |
| preposition | determiner | |

Finish off the word **breathe**.

breathe

brea the

breat he

br eathe

Now write the full word.

b r e a t h e

Trace the word **breathe**.

breathe

breathe

breathe

Which of these words means the same as **breathe**?

consume inhale reduce virus

Write your own sentence containing the word **breathe**.

Your own answers-possible answer e.g. Breathe in and out slowly if you're feeling
anxious.

Edit and improve these words so that they correctly spell the word **breathe**.

breathe

breathe

breavthe

10-4-10 **Answers**

Complete in the same way as we do in school. Aim to complete as many questions as you can in 10 minutes. Miss them out if you're spending too long thinking about how to tackle them. You don't need to write the question. Only show your workings if you need to. You should use the squares in your Maths homework book as this will help you set out any written methods.

1. $56 \times \underline{1} = 56$

2. $327 \times 0 = \underline{0}$

3. $6,824 = \underline{6,000} + 800 + \underline{20} + 4$

4. $3,000 + \underline{500} + \underline{60} + \underline{1} = 3,561$

5. $45 \times 9 = \underline{405}$

6. $563 \times 7 = \underline{3,941}$

7. $8 \times \underline{12} = 96$

8. $132 \div \underline{11} = 12$

9. $10 \times 78 = \underline{780}$

10. $2.1 \times \underline{100} = 210$

Extension

11. Name 8 factors of 72. **Any 8 of the following: 1, 72, 2, 36, 3, 24, 4, 18, 6, 12, 8, 9.**

12. $0.9 + \underline{1.1} = 2$

13. Which month comes directly before August? **July**

14. How many seconds in 5.42 minutes? **342 seconds**

15. $5,678 \div \underline{10} = 56.78$

16. What time is 1 and a half hours later than 16:00? **17:30 or 5:30pm.**

17. $97.3 + 12.56 = \underline{109.86}$

18. $35.08 + \underline{4.92} = 40$

19. What date will it be one week after 29th July? **5th August (because there are 7 days in a week and July has 31 days).**

20. If I count from 0 in 3's, will I say the number 264? **Yes, $264 \div 3 = 88$**

Angle types:

a) 45°

Type of angle: acute

b) 220°

Type of angle: reflex

c) 6°

Type of angle: acute

d) 105°

Type of angle: obtuse

e) 185°

Type of angle: reflex

f) 90°

Type of angle: right

g) 350°

Type of angle: reflex

h) 170°

Type of angle: obtuse

Answers: Try this triangle test:

- Know the answer for each and list them.
- A) All angles the same and all sides the same length. Equilateral triangle.
- B) Two sides same length and two angles the same. Isosceles triangle.
- C) No sides the same length. Scalene triangle.
- D) Has one 90 degree angle. Right-angled triangle.
- E) Has all angles less than 90 degrees. Acute-angled triangle.