

Tuesday 22nd April

GPS Intervention

Tick to show whether the sentences are written in the active or passive form.

Active

Passive

The pirates went to the cave to find the treasure.

The gold was shared out fairly.

A pen was used to mark an x on the map.

The pirates sailed away on their boat.

Spelling Revision

Identify whether these words are spelt 'tial' or 'cial' by ticking the correct box.

	tial	cial
inicial or initial		
finantial or financial		
offtial or official		
partial or parcial		

Identify where the **hyphens** are needed in these sentences.

It is a well known fact that children should only drink sugar free squash to stop their teeth from decaying.

Identify the **prefix** which can be added to all of these words.

_____lingual

_____cycle

_____sect

_____annual

Prefix =

Rewrite the root words (shown in brackets) as **adjectives** so that the sentences make sense.

a) The zoo keeper was very _____ (caution) when he approached the lion.

b) My little brother was _____ (suspicion) when I said he could have the last slice of cake.

Complete the spellings from the year 5/6 spelling list.

g o v e r _ _ _ m e n t

p a r l i _ _ _ m e n t

n u _ _ _ s a n c e

n e _ _ _ e s _ _ _ a r y

$$a_0 = 1 [a_0]$$

10 min SATS Buster

$$\arcsin(z)$$

$$x_{n+1} =$$

Tuesday 22nd April

on whiteboards

TBAT: use taught spelling strategies.

Think of a definition of the word 'weight'. You must include the word 'mass' in your answer.

Think of a definition of the word 'vein'. You must include the word 'blood' in your answer.

What are the other homophones that could be written for the words on the board?

Tuesday 22nd April

TBAT: use taught spelling strategies.

1. Jordan's messy room was in a state of _____.
2. David gave a _____ on the door before entering.
3. Anita was _____ her shoes.
4. The coat was made from a _____ fabric.
5. I am _____ you help with your homework.
6. Eagles have excellent _____.
7. Ali _____ his hat in the crowded cloakroom.
8. The mountains could be seen in the _____.
9. Freya thought that her painting was _____.
10. It is _____ to drop litter in the playground.

on whiteboards

Write a synonym for spelling number 1.

Times Tables

Millie has a bag of 5p, 10p and 20p coins.



Millie says,



There would be fourteen 5p coins for every four 10p coins and two 20p coins.

$\frac{2}{8}$ of the coins are 10p coins.



Jaxon says,

Who is correct? Explain how you know.

22.04.25

TBAT: revise scaling, using mental strategies for multiplying and dividing.

3 in 3

[Daily 10 - Mental
Maths Challenge -
Topmarks](#)

1. $2.9 \times 12 =$

2. Round this number to the nearest tenth, whole and hundred.

45,905.89

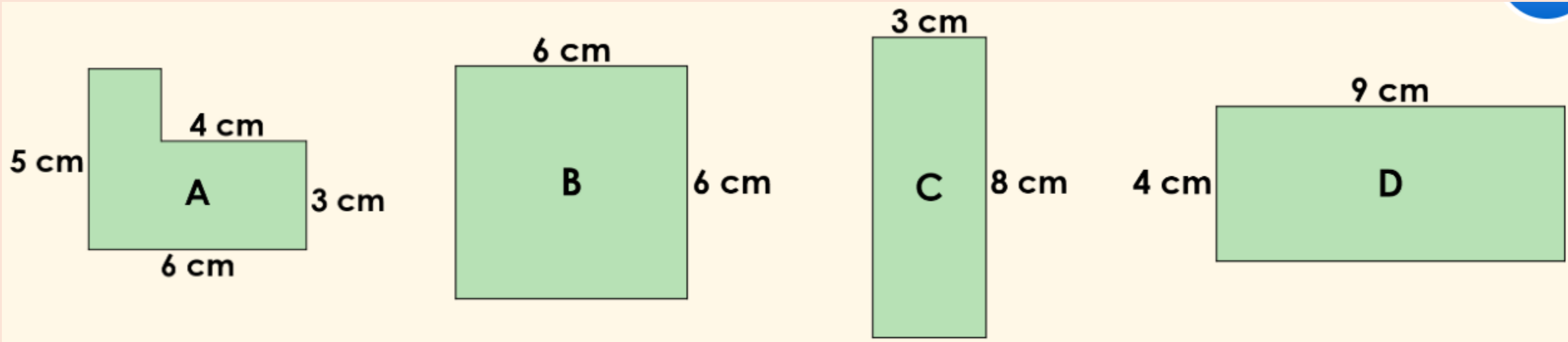
3. $4872 \div 56 =$

Challenge - Lily and Percy share marbles in the ration 1:3. If Lily has 20 marbles. How many do they have altogether?

22.04.25

TBAT: revise scaling, using mental strategies for multiplying and dividing.

Partner discussion -



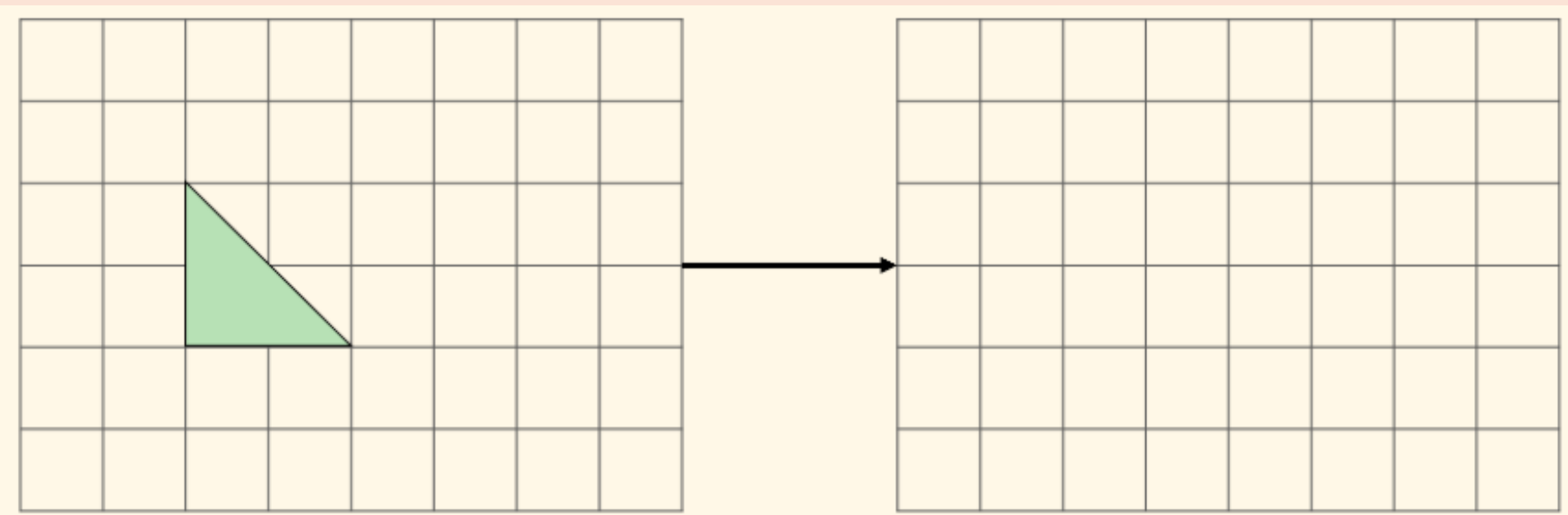
Shapes and have the same perimeter.

Shapes and have the same area.

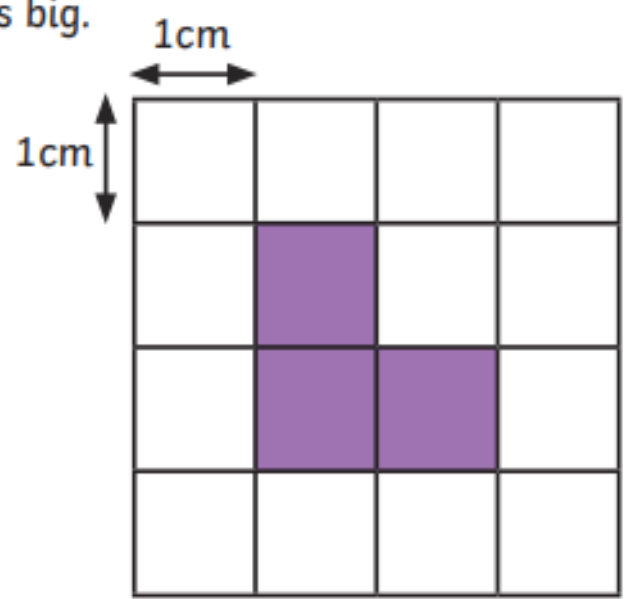
22.04.25

TBAT: revise scaling, using mental strategies for multiplying and dividing.

How can I
enlarge the
shape by a
scale factor of
3?



On square-centimetre paper, draw this shape so it is 3 times as big.

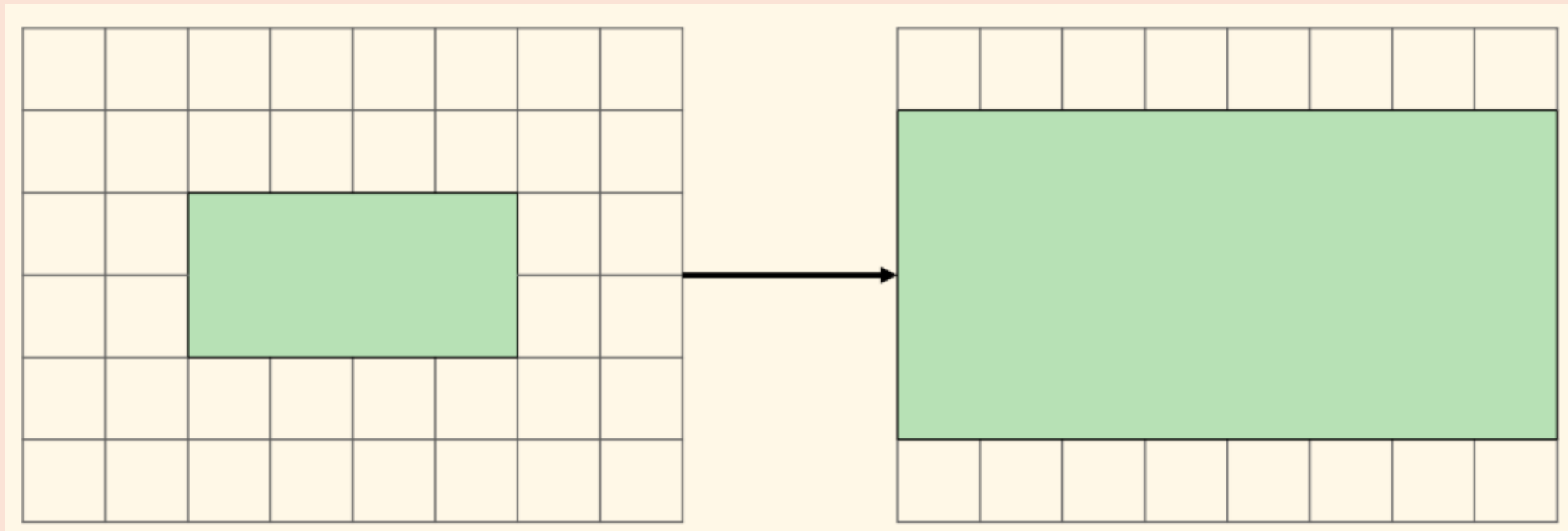


22.04.25

TBAT: revise scaling, using mental strategies for multiplying and dividing.

A scale factor of 2 has been used to enlarge the shape.

What do you notice about the link between the measurements of the shapes and the scale factor?



22.04.25

TBAT: revise scaling, using mental strategies for multiplying and dividing.

Amina's bed is 190 cm in length and 91 cm in width.

She is making a **one-tenth** scale model of the bed.

What are the length and width of Amina's model?

length = cm

width = cm

The distance between the two cities is **350 km**.

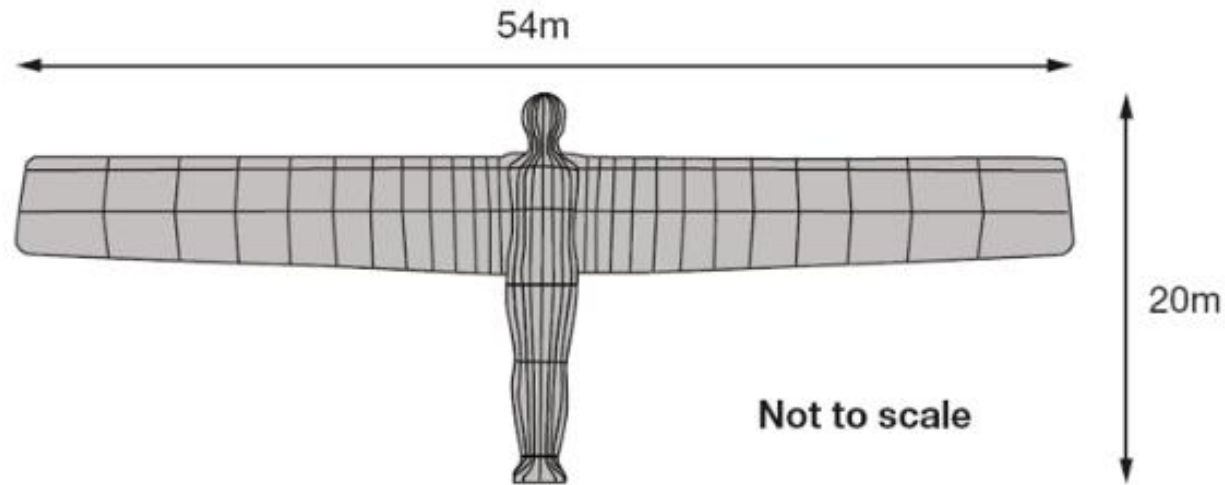
On a map, **1 cm** represents **20 km**.



What is the **distance** between the two cities **on the map**?

The Angel of the North is a large statue in England.

It is 20 metres tall and 54 metres wide.



Ally makes a scale model of the Angel of the North.

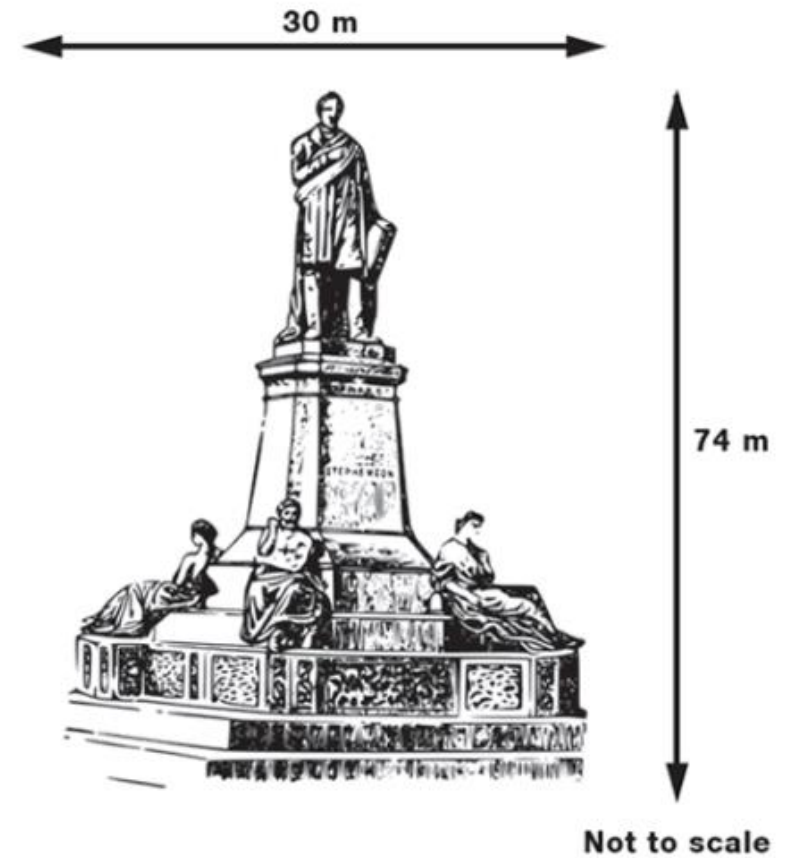
Her model is 40 centimetres tall.

How **wide** is her model?

cm

The Stephenson monument is a large statue in Newcastle.

It is 30 meters wide and 74 meters tall.



Sia makes a scale model of the Stephenson monument.

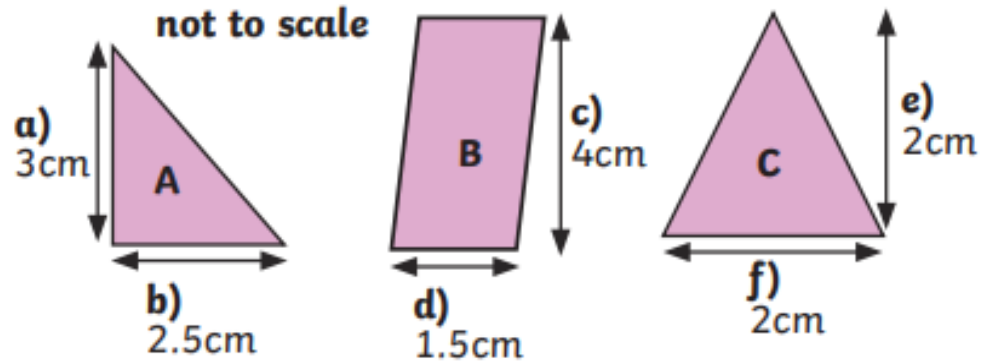
Her model is 37 centimeters tall.

How **wide** is her model?

22.04.25

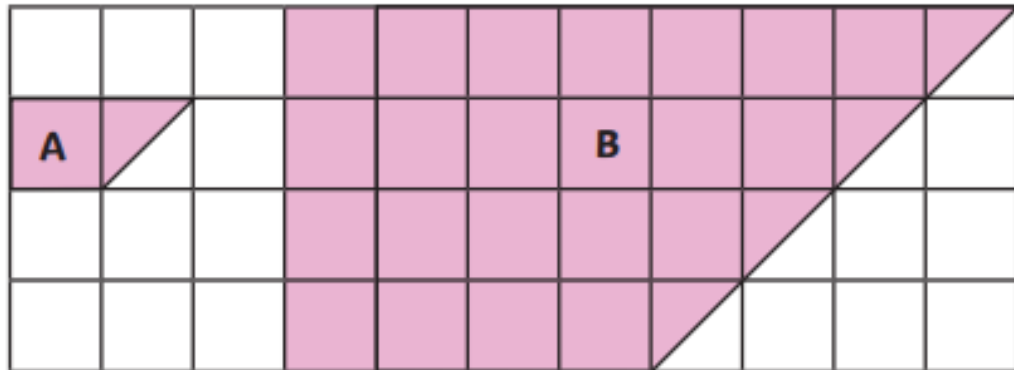
TBAT: revise scaling, using mental strategies for multiplying and dividing.

If each original shape is enlarged by a scale factor of 5, what will the measurements be of each enlarged shape?



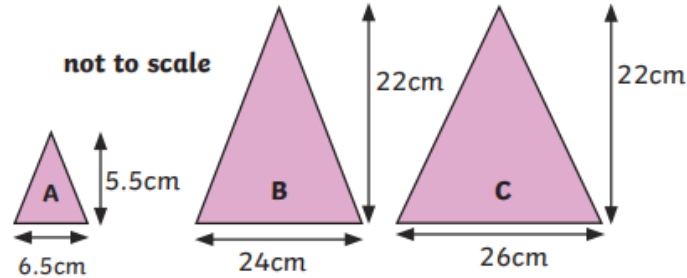
Reasoning

What scale factor has shape A been enlarged by to make shape B?

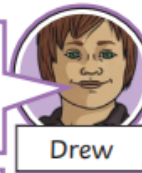


Challenge

Whose statement is correct? Explain your reasoning.



Shape A has been enlarged by a scale factor of 4 to create shape B.

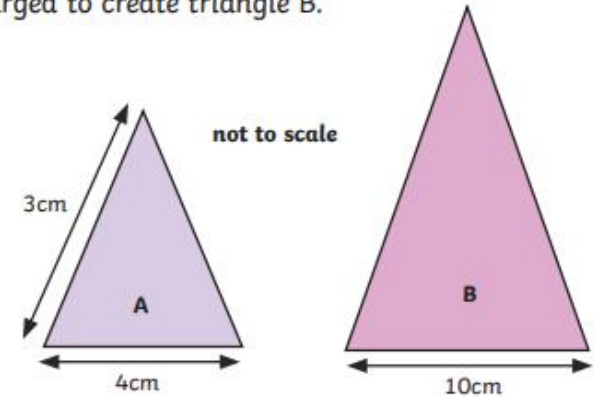


Shape A has been enlarged by a scale factor of 4 to create shape C.



Mastery Challenge

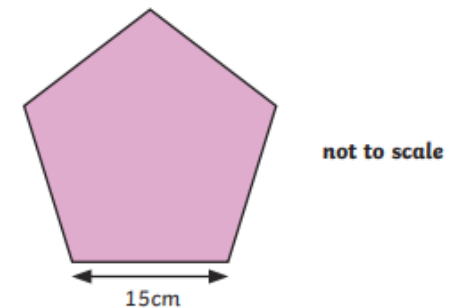
Here are two isosceles triangles. Triangle A has been enlarged to create triangle B.



Find the perimeter of triangle B.

Mastery with Greater Depth

This regular pentagon has been enlarged by a scale factor of 5 from the original pentagon.



- What is the perimeter of the original pentagon?
- If the original pentagon was enlarged by a scale factor of 3.5, what would the perimeter be of the enlarged pentagon?

Tuesday 22nd April

TBAT: identify the key features of a day in your life.

Sort the words below into the correct **word class** columns:

triumphantly stormed courageous onto never caught of friendly

verb	adverb	adjective	preposition

Complete the table by writing a **synonym** for each word.

word	synonym
distraught	
polite	
rapidly	

Put the missing **contraction apostrophe** in this sentence:

Susan hadnt forgotten her shorts but they were lost in her kit bag.

What tense is the sentence for question 2 written in?

Tuesday 22nd April

TBAT: identify the key features of a day in your life.

Describe why you would use paragraphs in your writing. Use the phrase 'different events' in your answer.

Describe why a diary entry needs to use emotions. Use the phrase 'record your emotions' in your answer.

What are the other features of a diary entry? Write them in a correctly punctuated, bullet-point list.

Tuesday 22nd April

TBAT: identify the key features of a day in your life.

What are the features of a diary entry?

What is the same?

What is different?

Think of an event you would like to write about that involves a day in your family.

Friday 30th November 2012

Dear Diary,

I had the best day EVER today. I woke up this morning, the sun was shining through the curtains and I could smell breakfast cooking downstairs. I jumped out of my bed, threw on my school clothes and skipped down to the kitchen.

A delicious breakfast of pancakes with syrup was waiting for me on the table and I gobbled it down as quick as a flash. I grabbed my school bag, shouted "Bye!" to my mum and dashed out of the door to school.

When I arrived at school, my teacher handed my homework back to me and a huge grin spread across her face. Guess what? I got 20 out of 20! I couldn't believe it! We had my best lessons in the morning (Literacy and Geography).

Before I knew it, it was lunchtime. The menu today was my favourite: Spaghetti Bolognese followed by Chocolate pudding – yum! The afternoon flew by, and we ended the school day with a really fun game of Dodgeball, and we all cheered when my team won (of course).

After school, I came home and was met with the most amazing surprise; my mum told me that we were going out to the cinema and to Pizza Hut for dinner. We had a fantastic time!

I'm sitting on my bed writing this, remembering all the fun things that happened today. I hope tomorrow is just as good!

Ben

Dear Diary

You will never guess what has happened to me! I have been plunged into a world I never quite believed in and if I am completely honest, I never saw this coming. I feel very overwhelmed.

As you know, I have moved into a huge, dusty, vintage house as filthy as a shack. In fact, it is more like a dozen shacks that have been stacked on top of one another!

Every now and then, I had been hearing sounds in the old walls that sounded like scratches or small footprints. It made me feel nervous because I was unsure what it was and part of me just wished that it would go away.

Yesterday, Mallory picked up an old broom in the kitchen and held it like it was a baseball bat. She quickly swung the bat at the pale, dull, worn wall and plaster came scattering to the floor beneath our feet like flour and a huge hole appeared (I knew Mom would blame me for it—she always does!).

Hesitantly, I stepped towards the ominous hole, and I felt the hairs on my arms stand up. To my amazement, inside were the most bizarre objects! A doll's head lolled in one corner. Dead cockroaches were strung up like garlands. Tiny soldiers with melted hands and feet were scattered all over like autumn leaves resting on the ground.

All of a sudden, the mysterious noise came back again! I had to quietly squeeze myself into the dumbwaiter (that's where all the objects came from in the wall by the way) and it was really dirty inside, and it smelled like old wood.

After a while, I arrived in a secretive room that had a low ceiling, and crowded bookshelves surrounded me. Slowly, I looked around the room and I realised there was no door! What a strange place it was!

Bravely, I began to explore the creepy room. I found an array of objects like old books, a pair of round glasses, a large watercolour painting of a little girl and a man pleasantly playing on the lawn and a note. Just as I was feeling confident, the peculiar noises returned along with my Mum! So, I had to go back downstairs, I felt so disappointed because I really wanted to stay longer to find more clues.

This morning, the craziest thing happened! My alarm clock didn't wake me up...Mallory's loud screaming did! Something had tied her long, silky, brown hair to the bed and of course I got the blame! It wasn't me and it wasn't Simon. I felt very confused!

Certainly curious, I knew what I needed to do. I used the clues from the strange note I found yesterday and bravely made my way up to the undisturbed attic. Eventually, when I got there the room I entered was bright and small with dusty windows on all sides. There wasn't much in the room, only an old trunk, a Victrola, a small stool and rolls of faded fabric.

Nervously, I opened the large, dry, neglected trunk. Nothing inside looked like it was a secret or something to be hidden, there was simply moth-eaten clothes inside. I felt disappointed because I was eagerly hoping to find something fascinating!

Using the clues in the note I found, I knew there was something in the trunk, but it took me a while to work out where. Eventually, a secret compartment popped open! Excited beyond reason, I quickly reached inside and found an old crumbling book that smelt like burnt paper.

Tuesday 22nd April

TBAT: identify the key features of a day in your life.

Think of the best day you've had at school or event at home.

<p><u>Introductory sentences</u> Why are you writing? Explain.</p>	<p><u>Paragraph 1</u> What was the first event of your day? Explain using emotions. Is this the first part of your day?</p>
<p><u>Paragraph 2</u> Second amazing event. Happened around lunchtime.</p>	<p><u>Paragraph 3</u> Third and final event of the day. Include what happened in the evening.</p>
<p><u>Concluding sentences</u> Conclude your diary entry with phrases that 'round off' your writing. Use sentences that organise your writing clearly.</p>	

Dear Diary,

OMG today was SO awesome I don't even know where to start!!! I woke up late but somehow still made it to school on time (thanks Mum for the toast in the car). When I got there, my best friend Mia was waiting with a HUGE smile, and she told me we were doing a surprise science experiment with slime in class!!! I thought it was going to be a boring worksheet day but NOPE!

We made glitter slime that *glows in the dark*. GLOWS. IN. THE. DARK. Mine was purple with silver sparkles and it looked like a galaxy. Mr. Jensen said mine was the "most cosmic" and I felt like a SCIENTIST.

Then at lunch, they served pizza and curly fries (yes, BOTH), and I traded my cookie for Jacob's extra chocolate milk. SCORE.

After that, we had lunch break, and I actually beat Ryan in rock, paper and scissors!!!! He's like the king of it, but I got him out with a tricky spin move I've been practicing. Everyone cheered and I felt like a champion.

Also... BIG NEWS... I got picked to be the *line leader* next week! I've never been picked before, and I was secretly hoping, and I guess the universe heard me.

We ended the day with a movie (because we finished our book early) and watched *Paddington 2*. I cried a little but didn't let anyone see. Paddington is a legend. I want to hug him.

Anyway, I wish every school day was like this. If I could bottle today and keep it forever, I totally would.

Got to go now, Mia wants to play Roblox later and I need to get my gaming station set up.

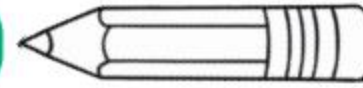
Bye Diary!

Love,
Zoe (Slime Queen, Rock, Paper, Scissors Champion, Future Scientist)

Tuesday 22nd April

TBAT: identify the key features of a day in your life.

Diary Entries



Word Bank

appalled	flabbergasted	outraged
astonished	frustrated	repulsed
content	heartbroken	shattered
delighted	infuriated	speechless
devastated	jubilant	thrilled
elated	mellow	uneasy
exasperated	miserable	

Does your diary entry include...

the date and/or time that the entry was written?	
writing in the first person?	
writing in past tense for main events?	
events written in chronological order?	
personal emotions and feelings?	
paragraphs (including an introduction and conclusion) to organise your writing?	
an informal style of writing?	
time conjunctions and adverbials?	

Introductions

- **At last, I have been able to...**
- Dear diary...
- **It's been a while since I last wrote in here.**
- I'm not sure where to begin.
- **Today, I received the best news.**
- What a brilliant day it has been!
- **You will never believe what has happened!**

as slow as possible	with hope in my heart
as quick as a flash	without hesitation
cautiously	without thinking
stupidly	

Adverbials of Frequency

firstly
frequently
lastly
occasionally
often
rarely
sometimes

Adverbials of Time

after that
following this
last week
meanwhile
only yesterday
straight away
this morning

Adverbials of Manner

as slow as possible
as quick as a flash
cautiously
stupidly
with hope in my heart
without hesitation
without thinking

Adverbials of Place

along the lane	here in this room
around here	inside the house
back at school	over the street
beyond the wall	

Time Conjunctions

after	immediately	next
as soon as possible	in the beginning	several months later
at precisely	in the end	suddenly
before	just at that moment	when
beforehand	just then	while
finally	later	without warning

22.04.25

Maths Intervention **PM**

Arithmetic

1. $\frac{4}{5} \times 3 =$

2. $1 \frac{3}{4} \times 5 =$

3. $4176 \div 18 =$

4. $\frac{4}{6} - \frac{1}{3} =$

5. $\frac{5}{6} - \frac{2}{9} =$

6. $3 \frac{1}{3} - \frac{2}{5} =$

Vocabulary activity

In this session, we will be using the following mathematical words:

properties

compare

classify

Dictionary Hunt

Have a race with your partner to find one of the words from the list in your dictionary. Can you be the first to read out the definition?

Properties of shapes

Let's remind ourselves of the properties of 2-D and 3-D shapes.

When comparing the properties of 2-D shapes, we need to look for:

- Lengths of sides
- Parallel sides or sets of parallel lines
- Type and size of angles (acute, obtuse or right angled)
- Regular or irregular polygons
- Reflective symmetry

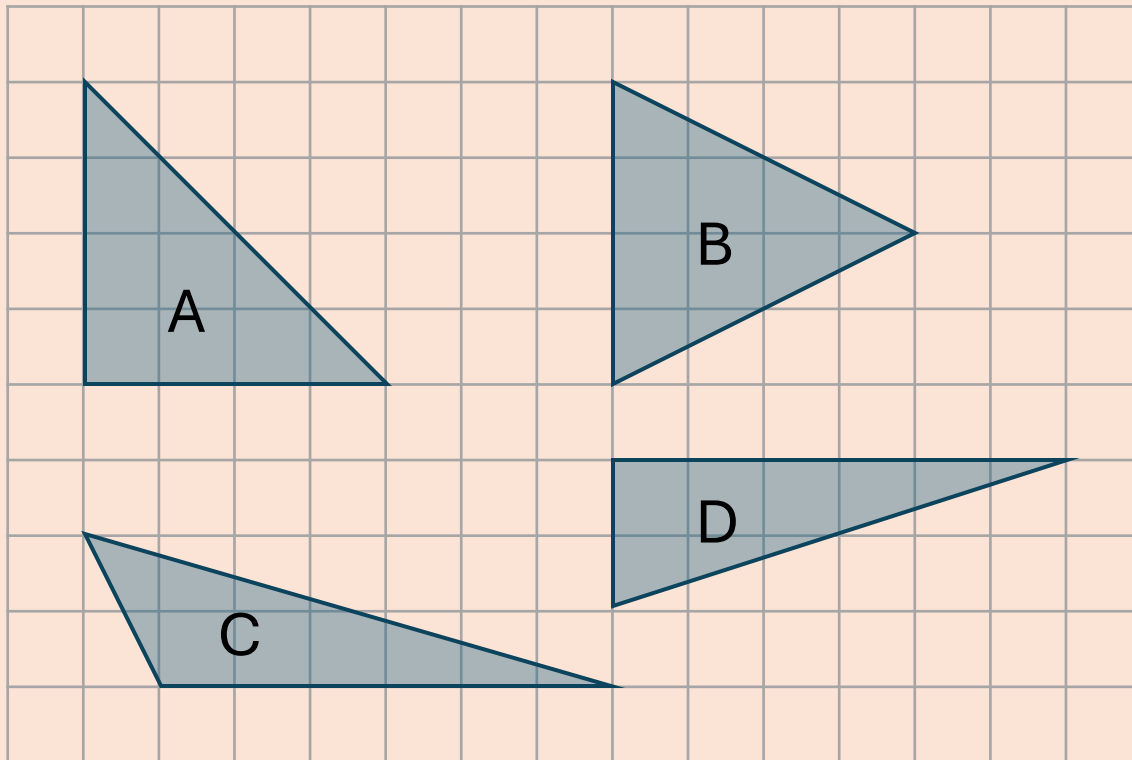
When comparing the properties of 3-D shapes, we need to look for:

- Faces
- Edges
- Vertices

Comparing shapes

We are sometimes asked to compare and classify shapes according to their properties.

Let's look at an example ...



Here are four triangles drawn on a square grid.

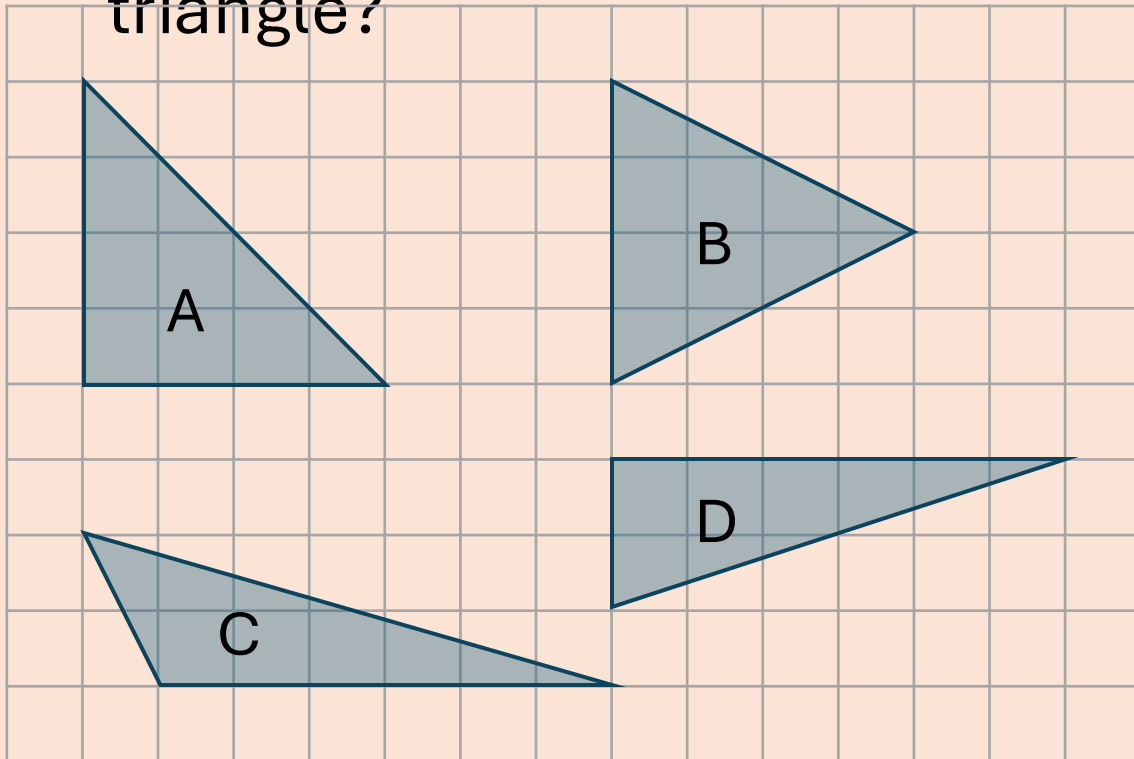
We need to write the letter for each triangle in the correct place on the sorting grid.

	Has a right angle	Has no right angles
Is isosceles		
Is not isosceles		

Comparing shapes

To answer this question, let's first sort the triangles into those which are isosceles triangles and those which are not.

What can you remember about the properties of an isosceles triangle?



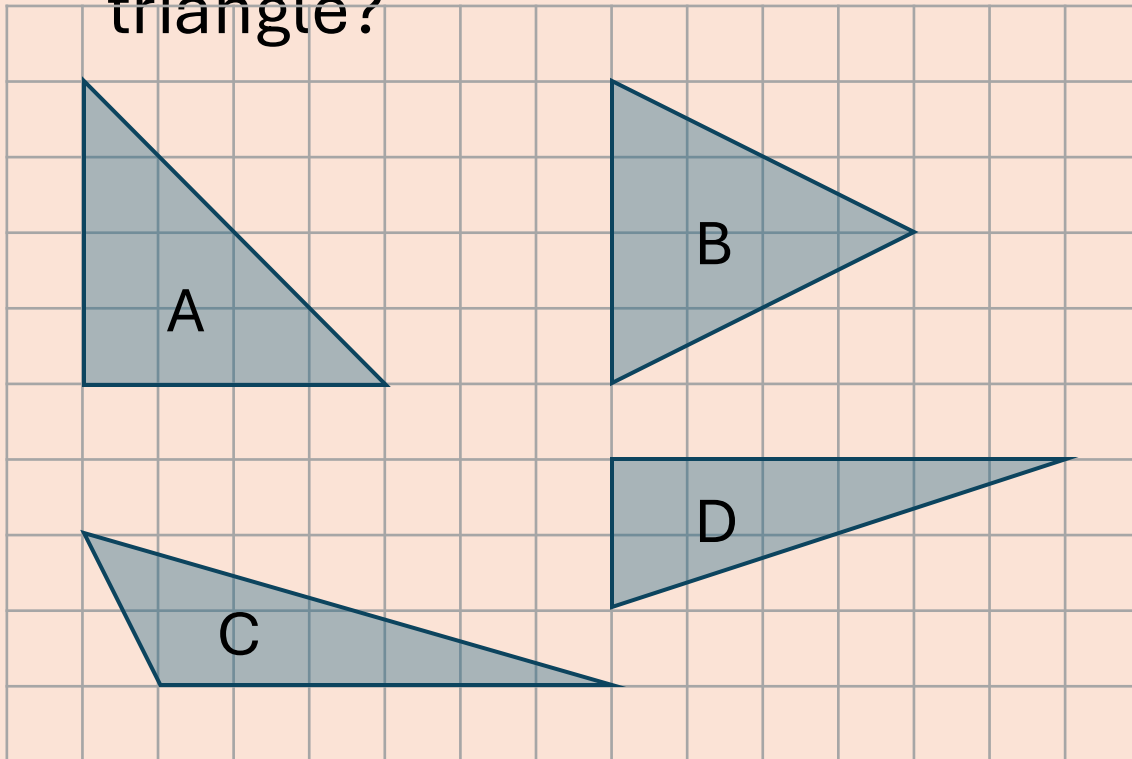
An isosceles triangle is a triangle with two equal sides and two equal angles.

	Has a right angle	Has no right angles
Is isosceles		
Is not isosceles		

Comparing shapes

To answer this question, let's first sort the triangles into those which are isosceles triangles and those which are not.

What can you remember about the properties of an isosceles triangle?



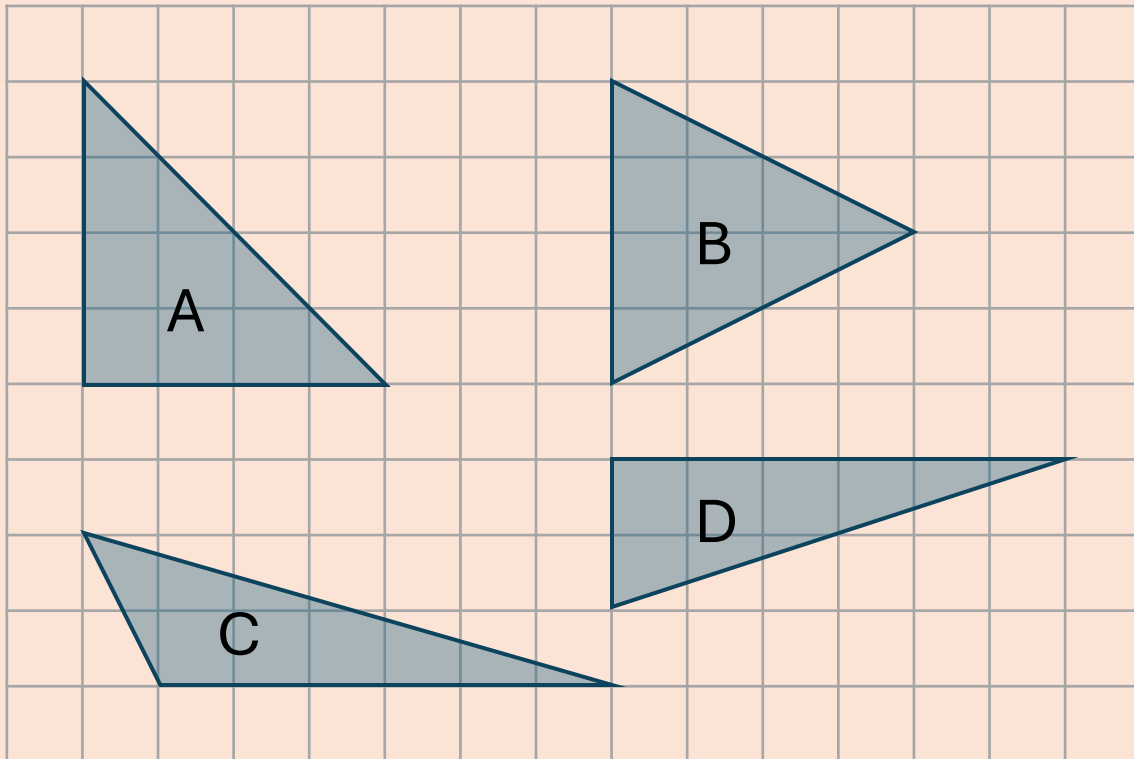
Isosceles triangles: A and B
Not isosceles: C and D

	Has a right angle	Has no right angles
Is isosceles		
Is not isosceles		

Comparing shapes

Now that we have sorted the triangles into those two categories, we can look at the other criteria, relating to angles.

What can you remember about right angles?



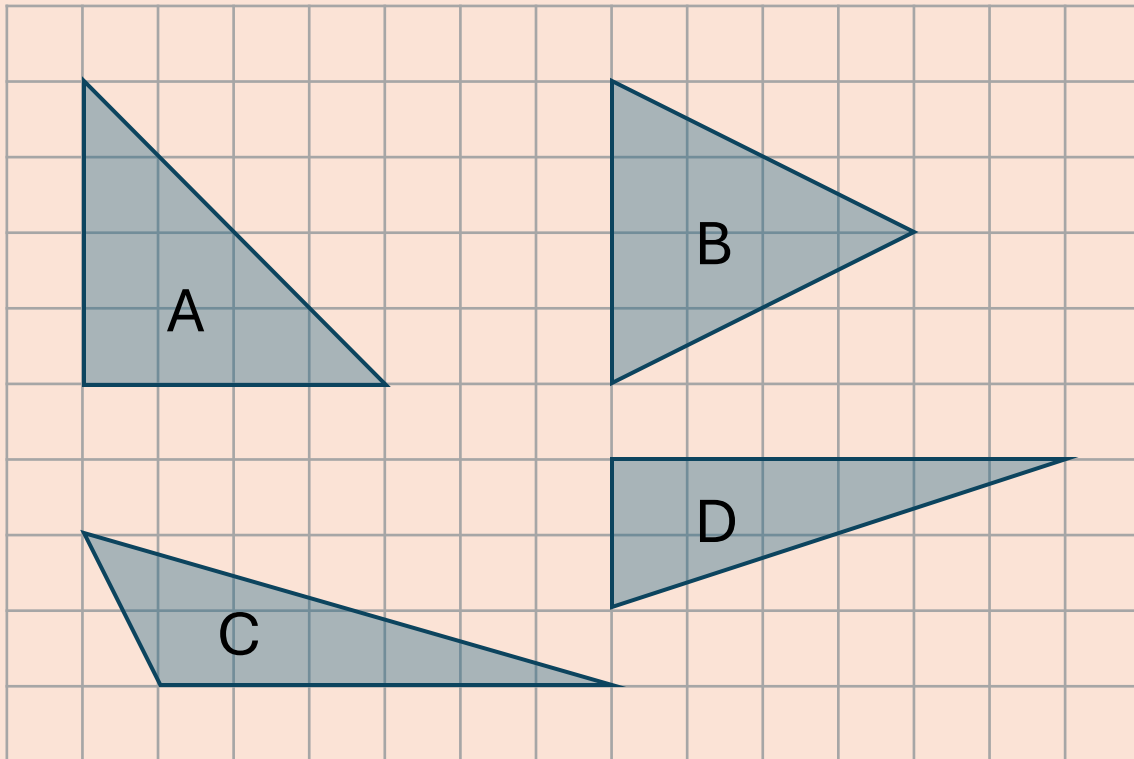
A right angle is exactly 90° .

	Has a right angle	Has no right angles
Is isosceles		
Is not isosceles		

Comparing shapes

Now that we have sorted the triangles into those two categories, we can look at the other criteria, relating to angles.

What can you remember about right angles?



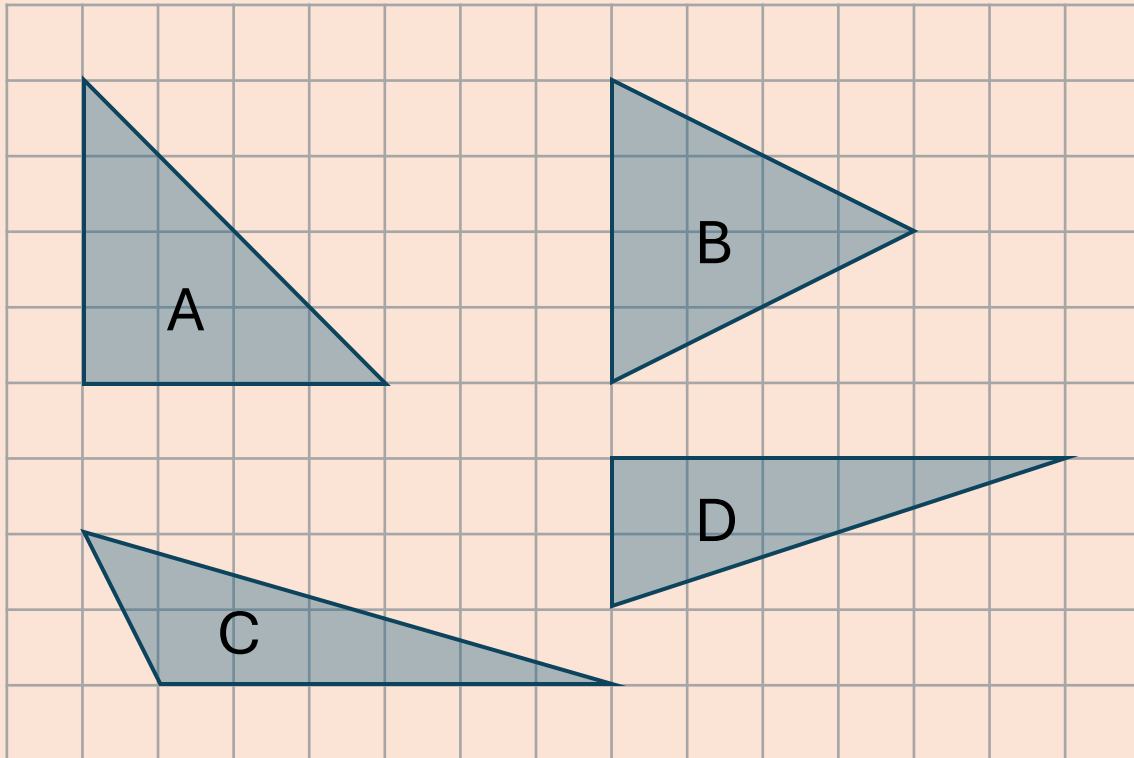
Has a right angle: A and D

Has no right angles: B and C

	Has a right angle	Has no right angles
Is isosceles		
Is not isosceles		

Comparing shapes

Finally, we can sort the triangles into the correct areas of the sorting grid, using our knowledge of their properties.



Isosceles triangles: A and B

Not isosceles: C and D

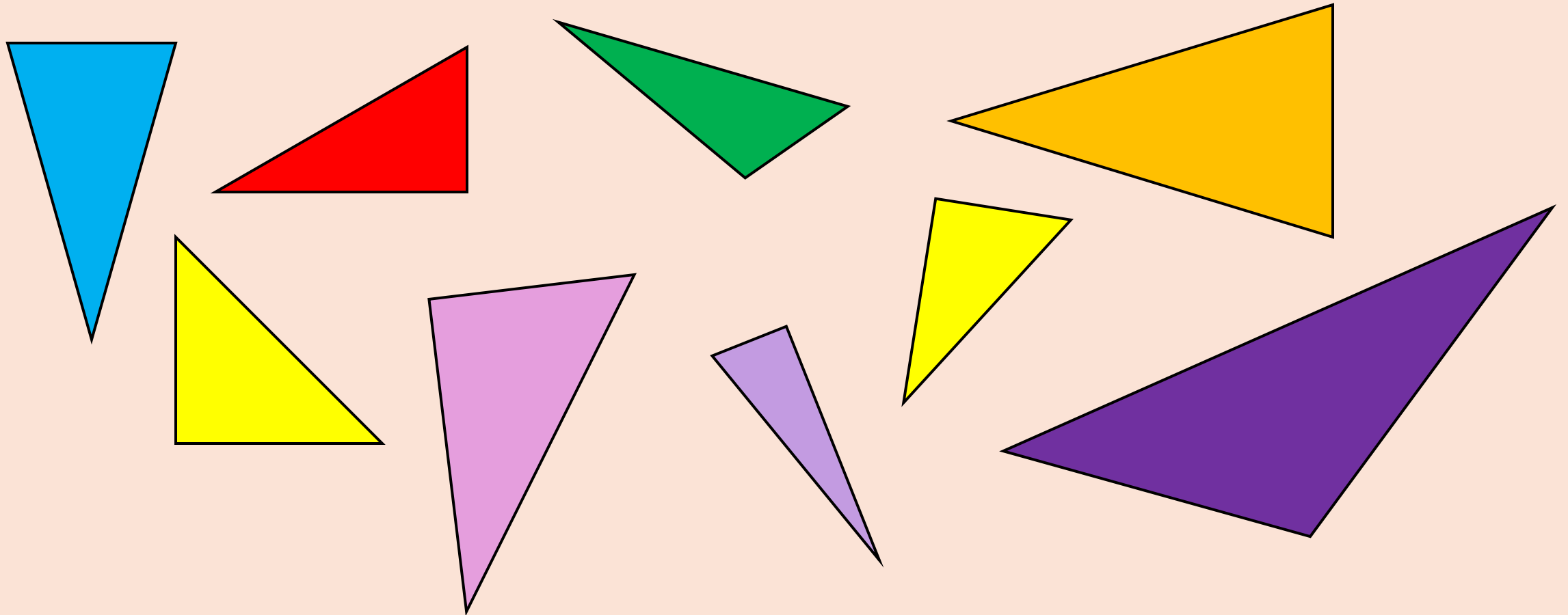
Has a right angle: A and D

Has no right angles: B and C

	Has a right angle	Has no right angles
Is isosceles		
Is not isosceles		

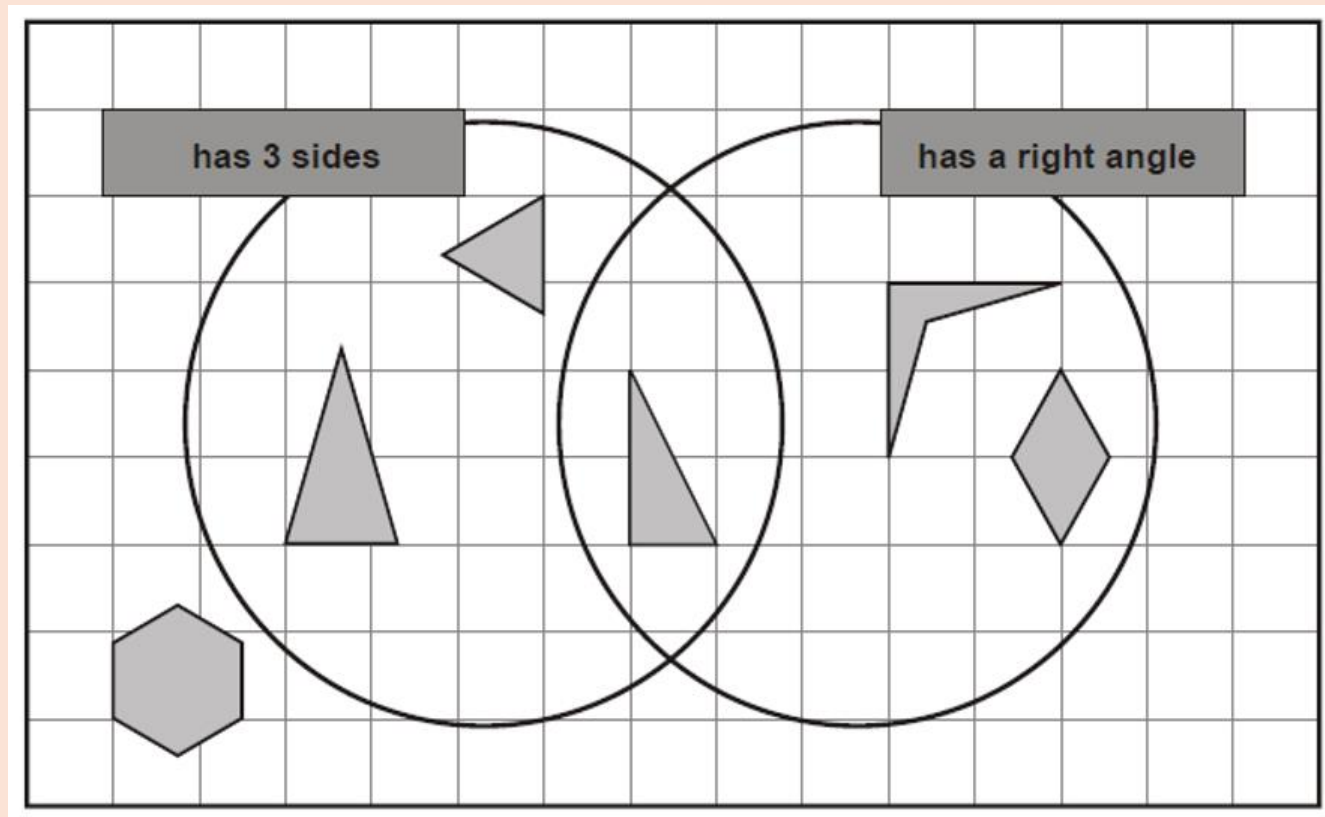
Over to you

How many different ways can you think of to sort these triangles?



Using Venn diagrams

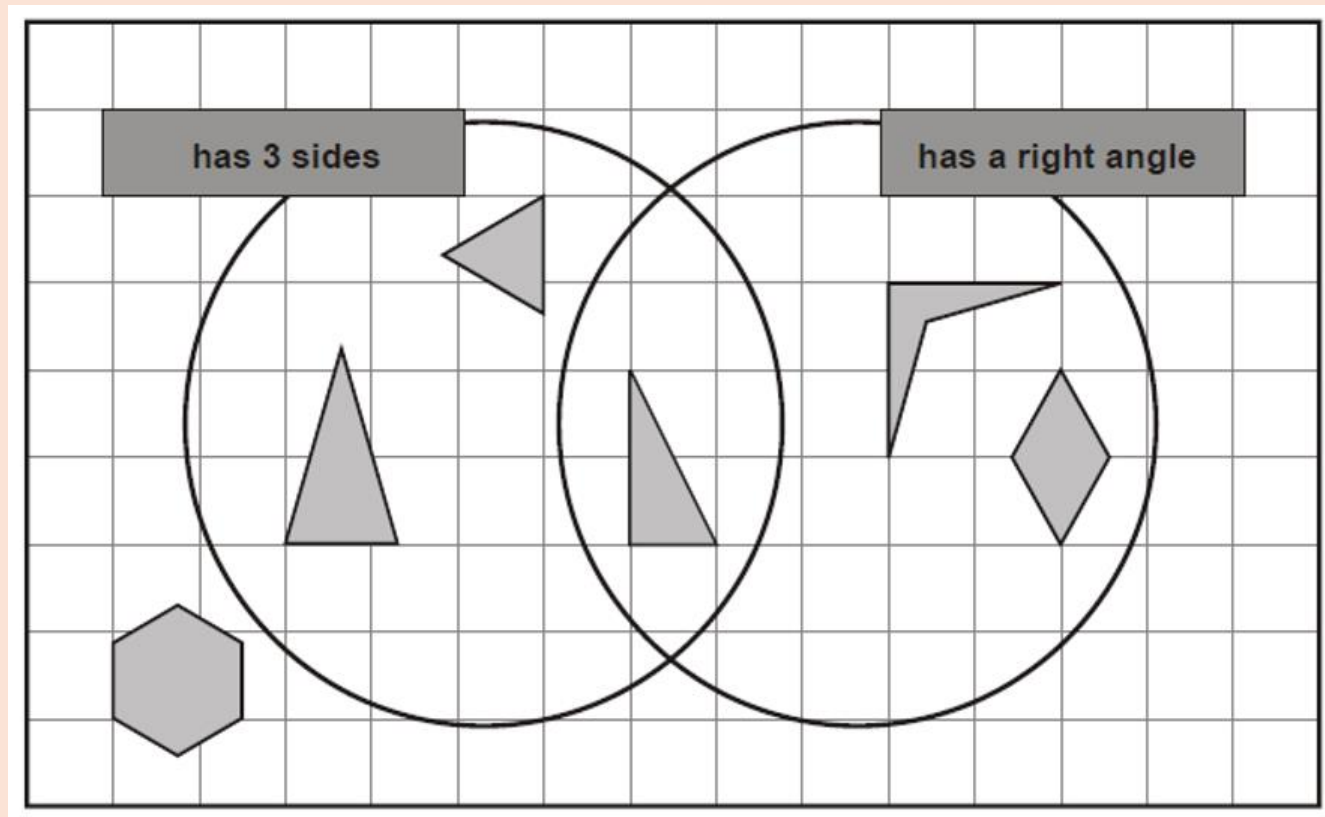
We can also use **Venn diagrams** to sort and classify shapes:



What can you remember about how Venn diagrams work?

Using Venn diagrams

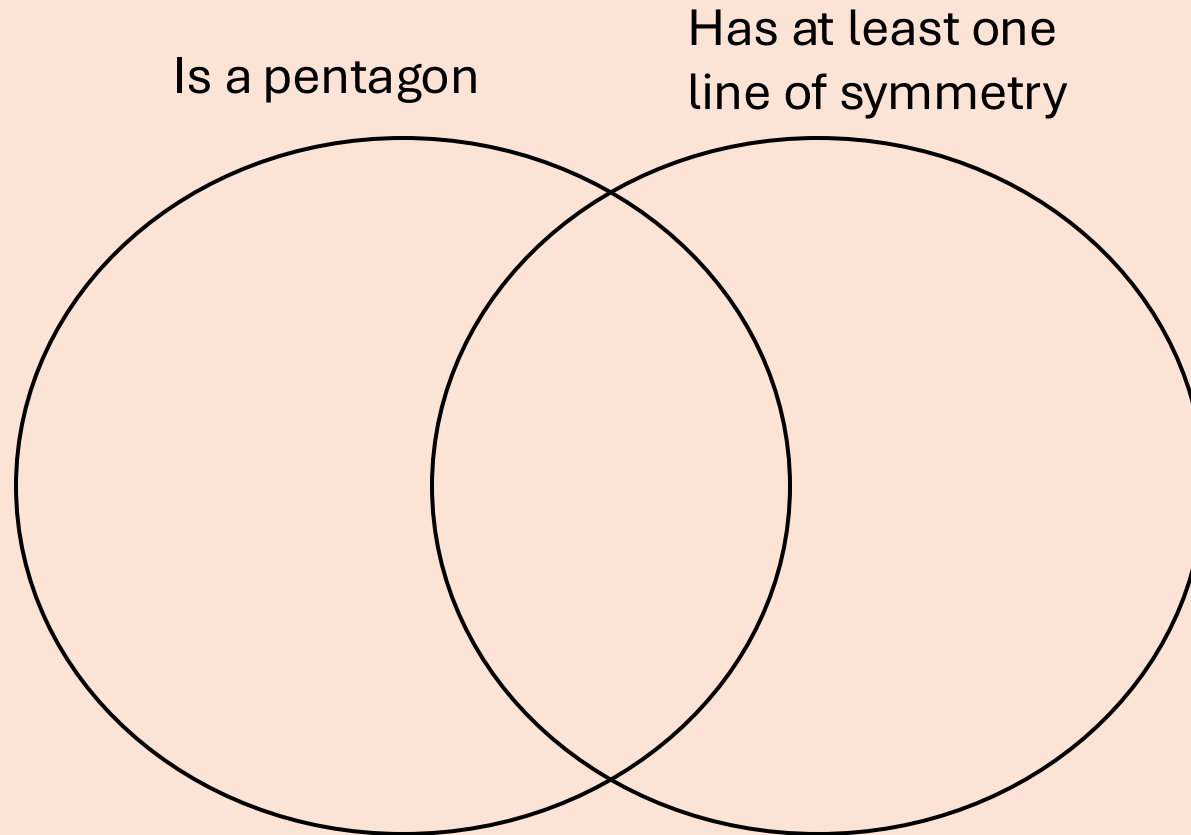
We can also use **Venn diagrams** to sort and classify shapes:



In this Venn diagram, one of the shapes has been placed in the wrong place. Can you see which one?

Over to you

Sort the shapes into the Venn diagram.



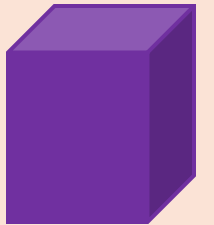
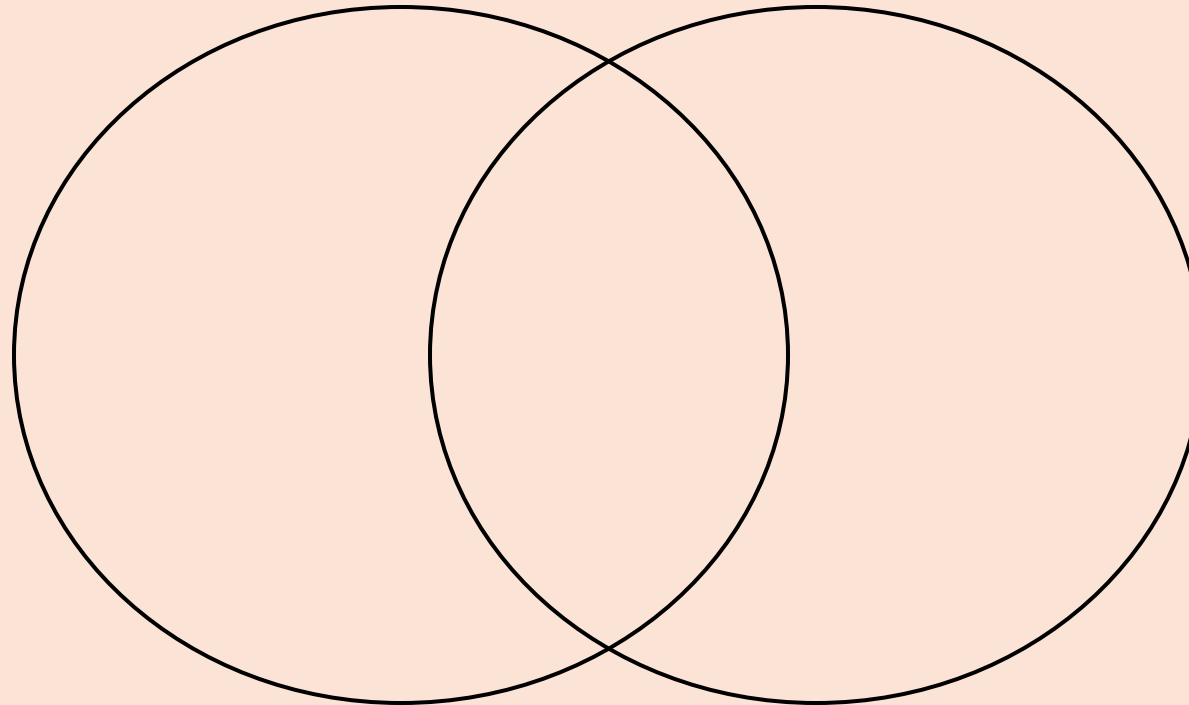
Click on the shapes.

Over to you

Sort the shapes into the Venn diagram.

Has at least
10 edges.

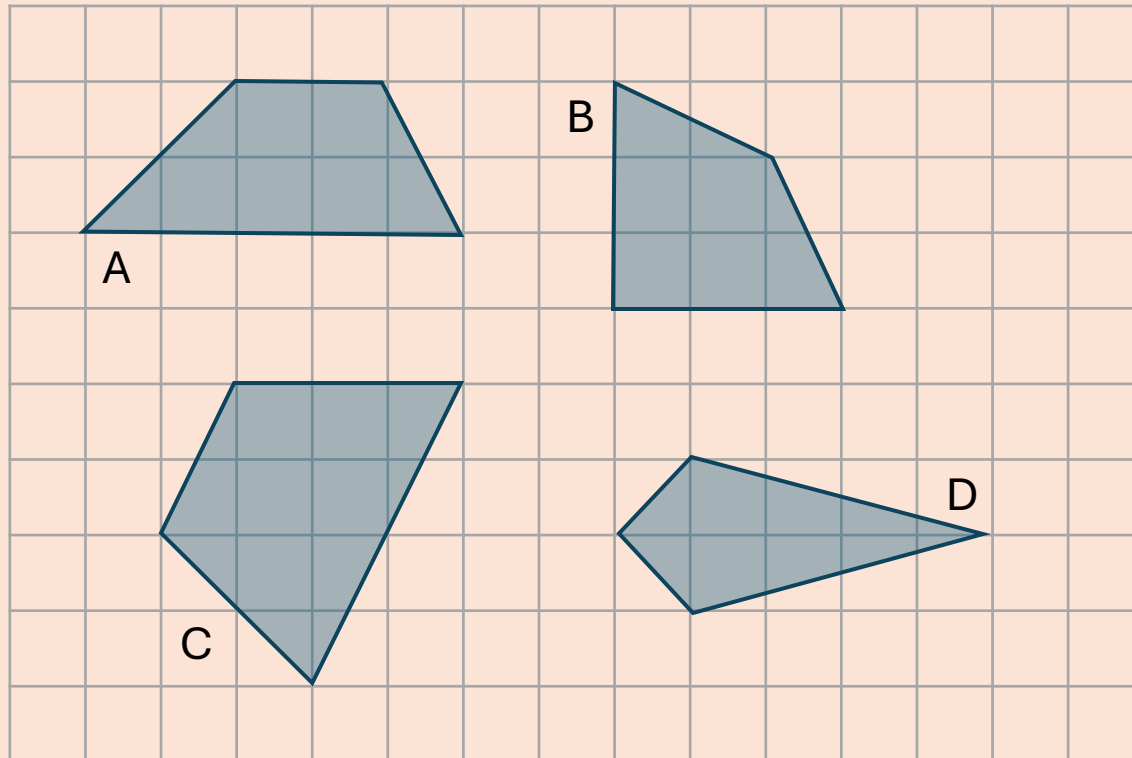
Has at least one
rectangular face.



Click on the shapes.

Classifying quadrilaterals

Look at the following quadrilaterals. Identify parallel lines, perpendicular lines and reflective symmetry.



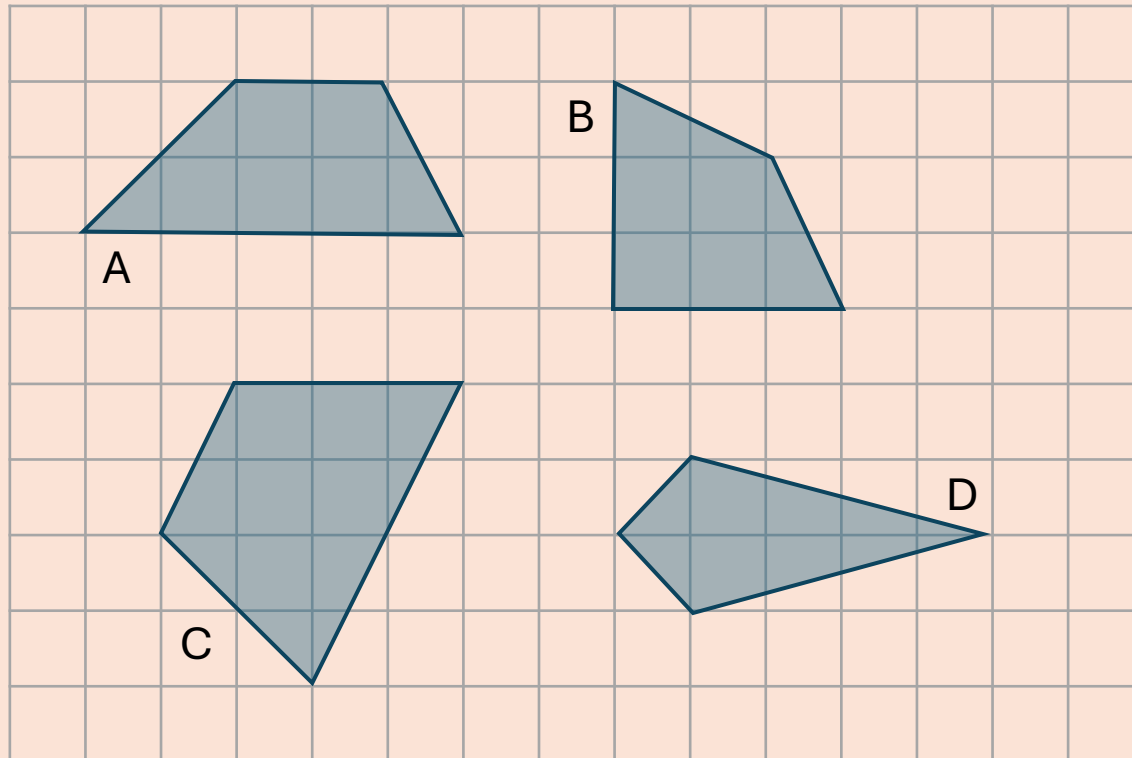
What are parallel lines?

Which shapes have parallel lines?

Shapes A and C have parallel lines.

Classifying quadrilaterals

Look at the following quadrilaterals. Identify parallel lines, perpendicular lines and reflective symmetry.



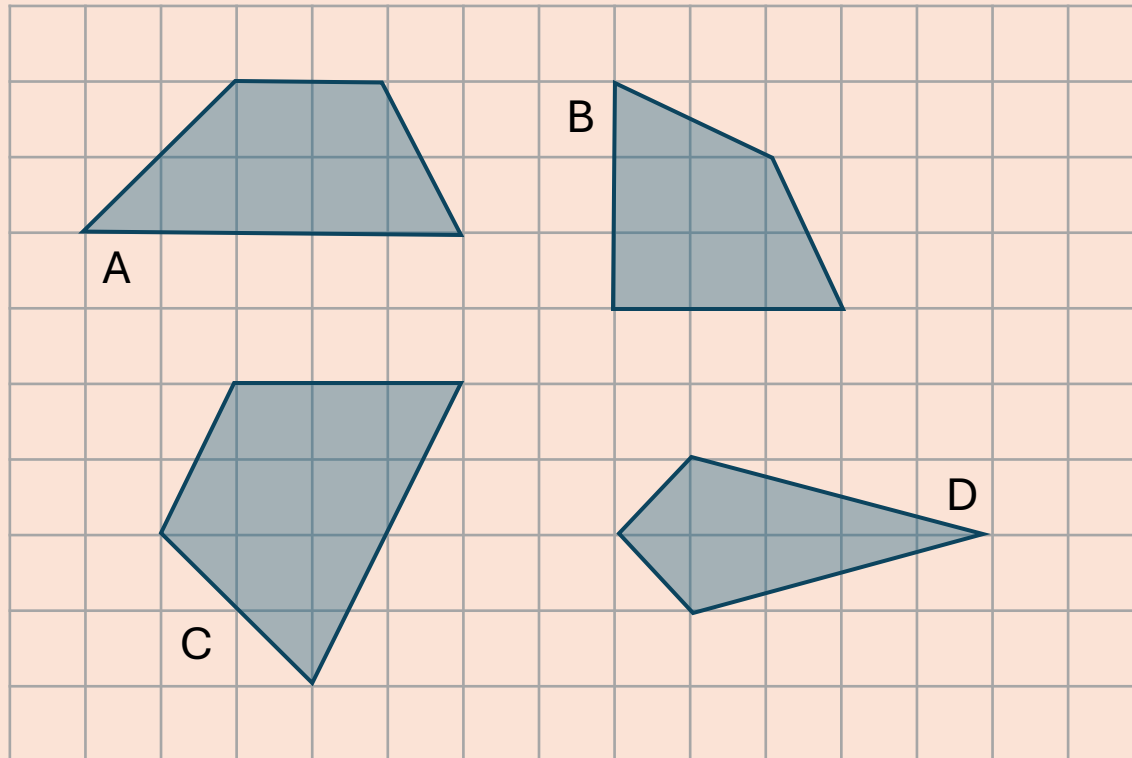
What are perpendicular lines?

Which shapes have perpendicular lines?

Shapes B and D have perpendicular lines.

Classifying quadrilaterals

Look at the following quadrilaterals. Identify parallel lines, perpendicular lines and reflective symmetry.



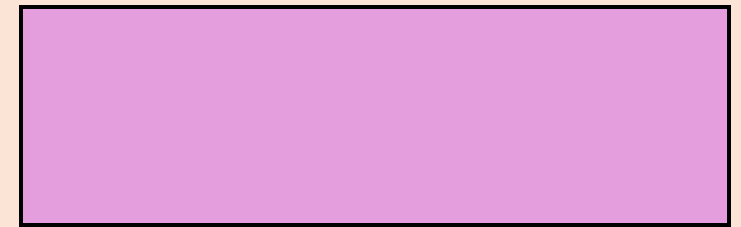
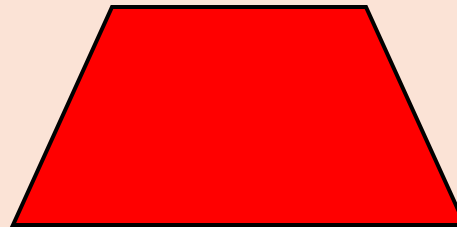
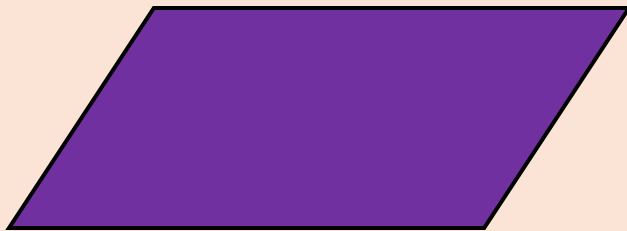
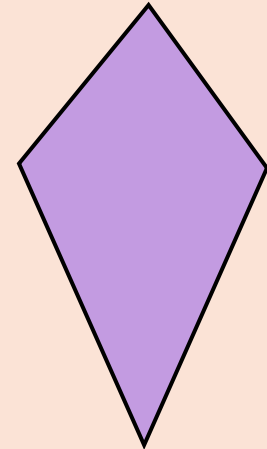
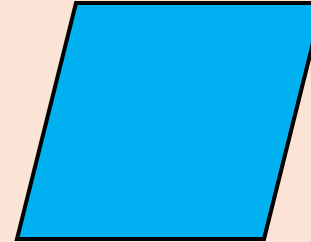
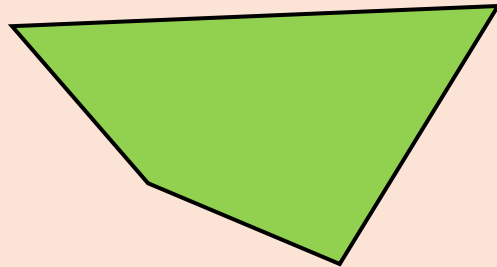
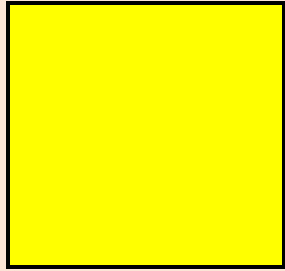
What is reflective symmetry?

Which shapes have reflective symmetry?

Shapes B and D have reflective symmetry.

Over to you

How many different ways can you think of to sort these quadrilaterals?



Reasoning

Ben says a triangle can have two obtuse angles. Is he correct? How do you know?

Lilah says a trapezium might not be a parallelogram. Is she correct? How do you know?