Monday 31st January 2022

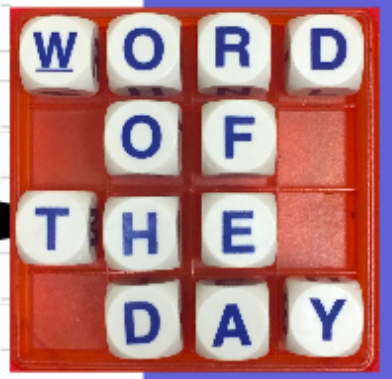
pos

tato

possible

potatoes

forage



The second time that you copy, try to use today's Word of the Day in your own sentence instead of the sentence below.

Do you know what this word means? Would you be able to explain its meaning to someone and give an example of its use?

Is it possible for potatoes to grow above ground?

Monday 31st January 2022

I can create a character.

Study the treasure map.

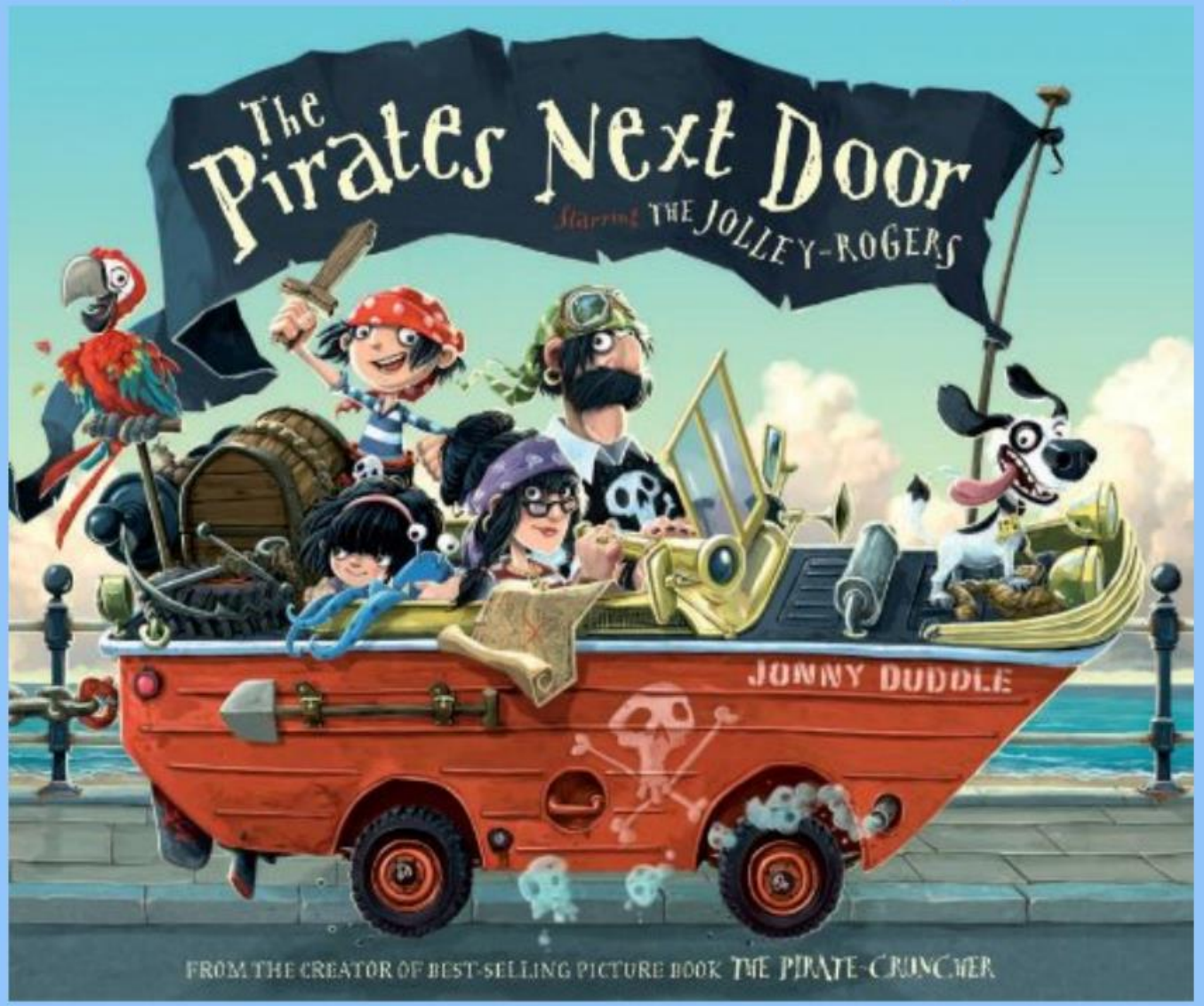
What does it show?

Monday 31st January 2022

I can create a character.

Let's read another book about pirates...

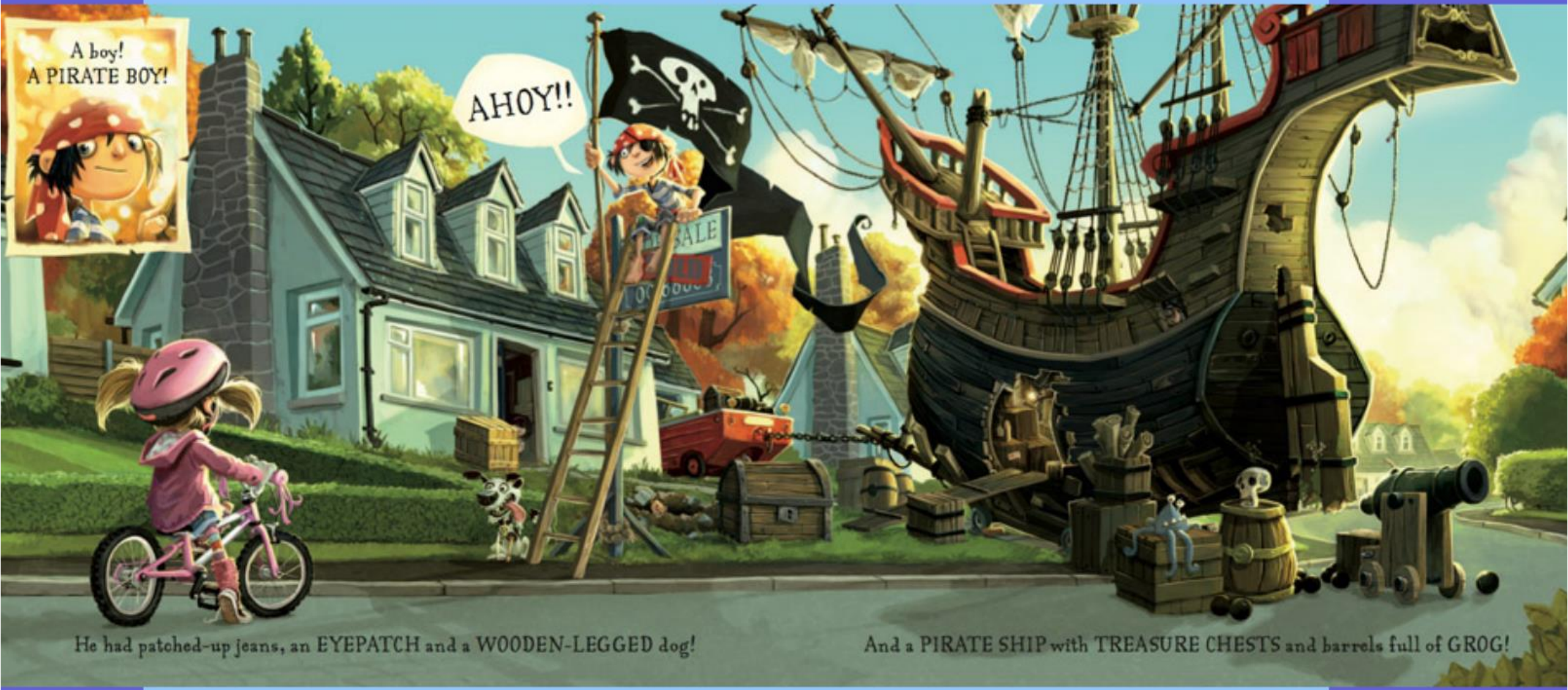
https://www.youtube.com/watch?v=QamzY39CT6o



Monday 31st January 2022

I can create a character.

How would you feel if a pirate moved in next door?



Monday 31st January 2022
I can create a character.

Start with describing their:

- Hair
- Head shape
- Eyebrows
- Eyes/eyelashes
- Nose
- Beard? Moustache?
- Lips
- Body - legs, stomach, arms,toes, feet
- Clothes
- Skin
- Personality
- Behaviour

Pirate character

Monday 31st January 2022
I can create a character.

Love having a pirate as a neighbour?
Why?

Hate having a pirate as a neighbour?
Why?

Time Conjunctions

after
afternoon
before
during
earlier
evening
eventually
finally
first
lastly
later
meanwhile
morning
next
suddenly
then
when
while
yesterday
after that
as soon as possible
at that point
at the end
in the beginning
in the end
just at that moment
just then
several hours/days/months later
without warning

Monday 31st January 2022
I can create a character.

Choose something on your target card that you could achieve - A...

Include time connectives in your sentences to describe the pirate - A126

Include dialogue between the neighbour and the pirates. Remember to punctuate correctly - A139

What is area?

1 **a)** Work with a partner.

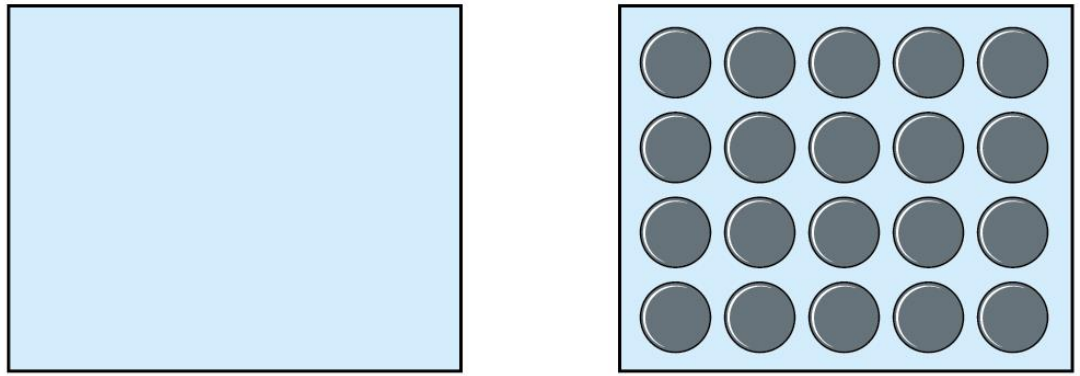
Use 4 sticky notes to make as many different rectilinear shapes as you can.

How many different shapes did you make? ☐

b) All of the shapes that you made have the same area.

Explain how you know that this is correct.

2 Amir covers a rectangle with some counters.



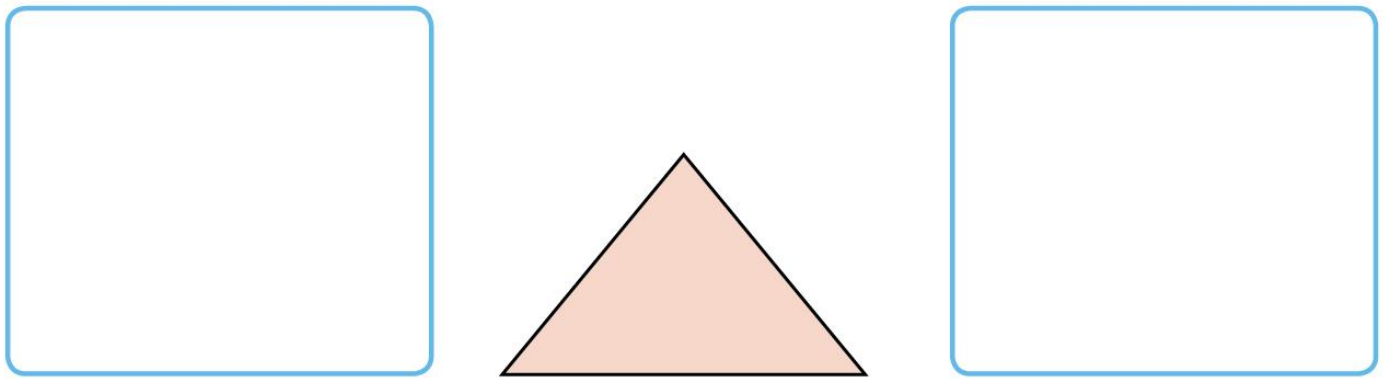
a) Amir thinks the area of the rectangle is exactly 20 counters.

Is Amir correct? _____

b) Explain why counters are not the best way to measure area.

_____

3 Eva draws this shape.

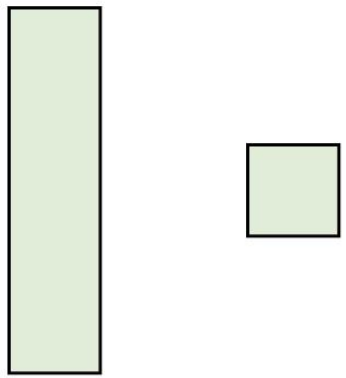


a) To the left, draw a triangle with a smaller area

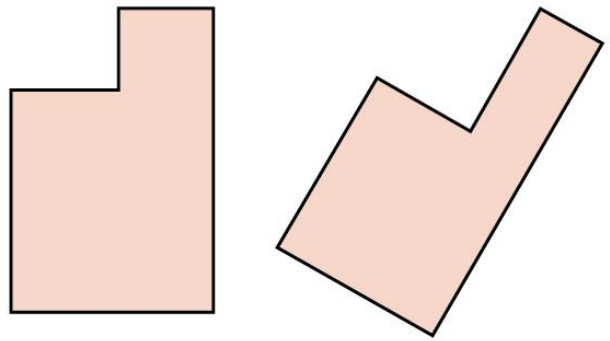
b) To the right, draw a triangle with a greater area.

4 For each pair of shapes, tick the shape with the greater area.

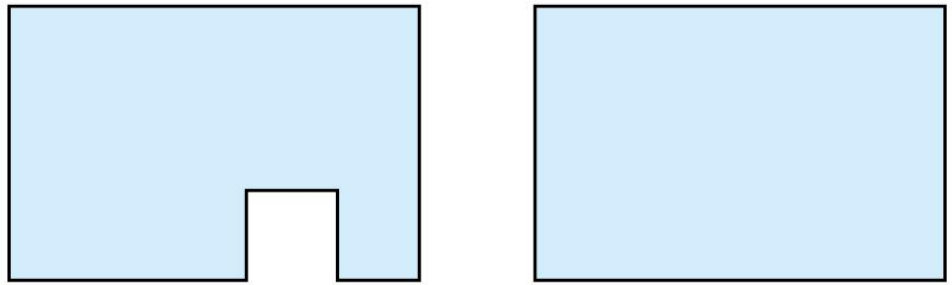
a)



c)



b)



5

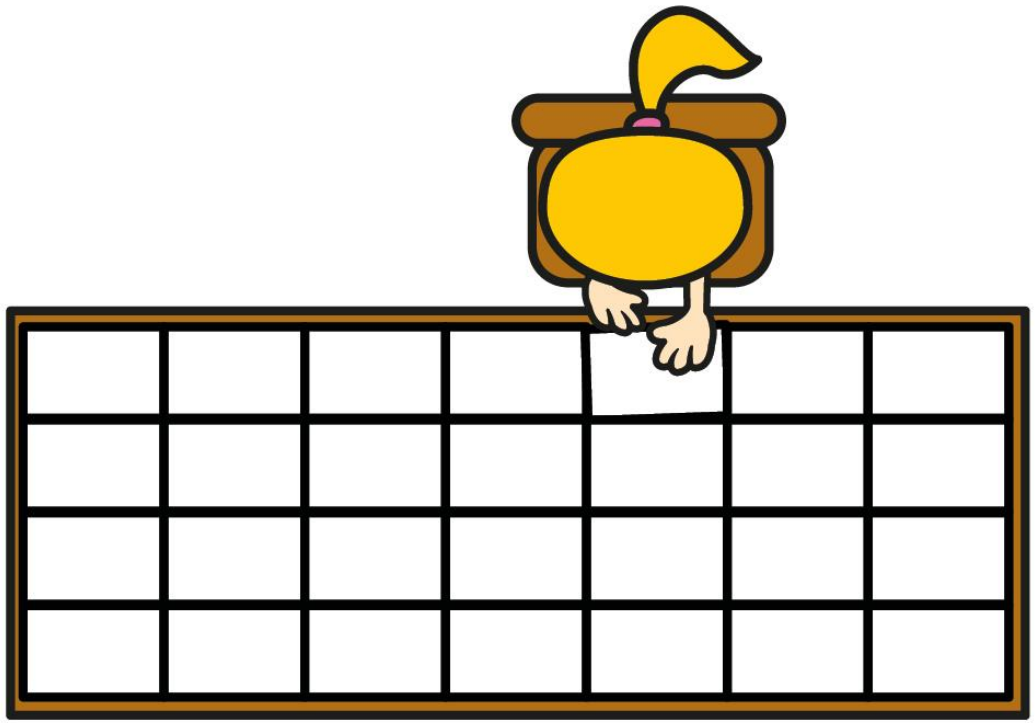
A longer object will always have a greater area than a shorter object.

Do you agree with Teddy? _____

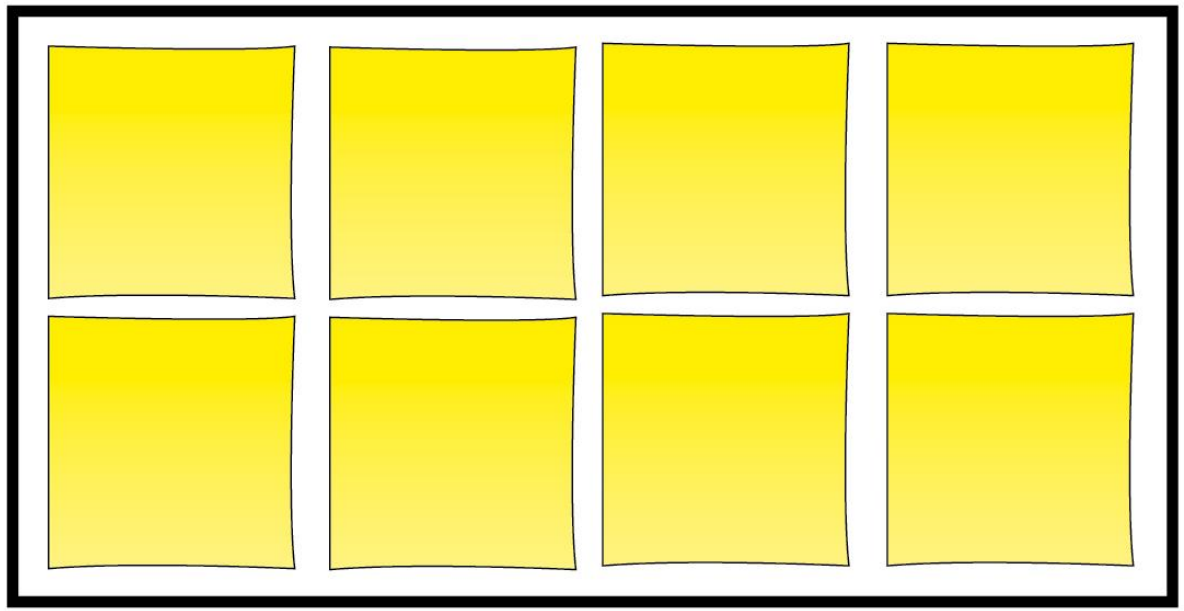
Draw a picture to support your answer.

6 Eva is measuring the area of the tabletop.

She has covered the table with exactly 28 sheets of paper.



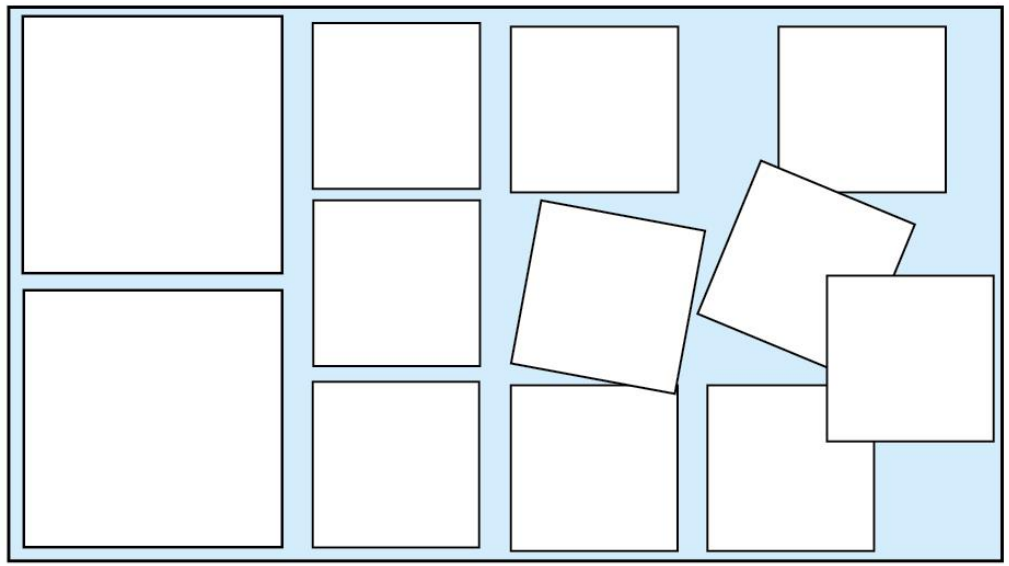
6 She covers one sheet of paper with sticky notes.



What is the area of the **tabletop** in sticky notes?

☐ sticky notes

7 Kim thinks the area of the rectangle is 12 squares.



Is Kim correct? _____

How do you know?

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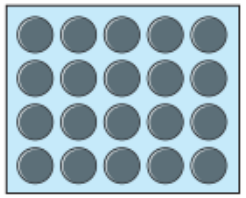

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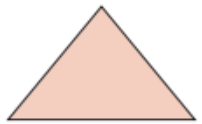
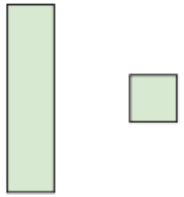


a) Draw a triangle with a smaller area

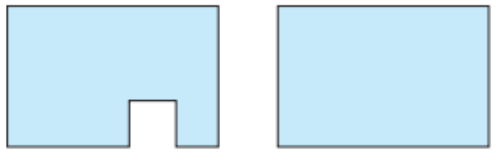
b) Draw a triangle with a greater area.

4 For each pair of shapes, which has with the greater area?

a)



b)



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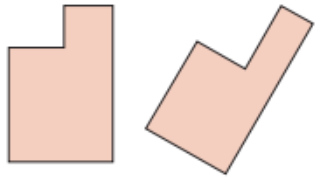

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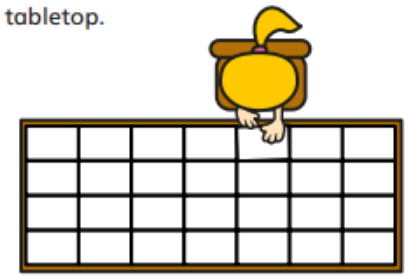

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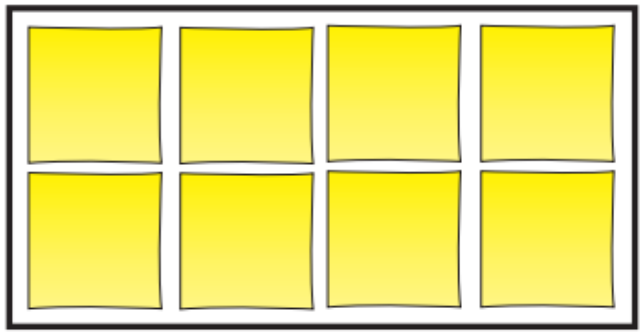

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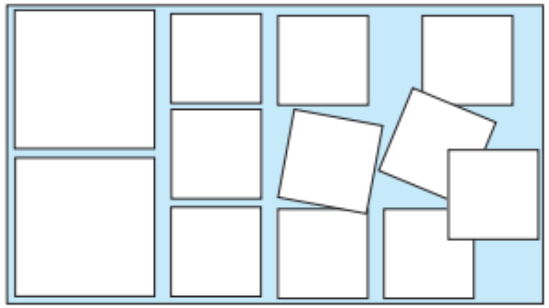

Is Kim correct?

How do you know?

https://www.youtube.com/watch?v=3uLFgiTjmhA

https://easyscienceforkids.com/the-properties-of-gases-video-for-kids-2/

Monday 31st January 2022

I can explain what a gas is.

What are the basic properties of a gas?

Monday 31st January 2022

I can explain what a gas is.

Gases are one of the three states of matter. Like solids and liquids, they are everywhere. Common gases include oxygen and carbon dioxide – you can't see them because they're colourless, but they are there in the air we breathe.

They're made up of very small molecules which are really spread out. These molecules have so much energy that they're constantly moving around in different directions.

Features of a Gas

- Even though they're often invisible to the naked eye, gases are still a form of matter, which means they occupy space and can be weighed.
- Gases do not have a fixed shape or volume. This means they fill a container they're placed in, no matter its size or shape.
- Gases can be squeezed and compressed into a space. This is because there's a lot of space between the molecules.

Examples of Gas

- Air – This air we breathe in is made up of a few gases, include oxygen, nitrogen, neon, hydrogen, and carbon dioxide. It certainly spreads out to fill a container because it's in every room and all over the planet!
- Helium – The stuff that you pump into a floating balloon is called helium, and it's extremely lightweight. To make helium a liquid, it would have to be at an incredibly low temperature.
- Water Vapour – Have you ever boiled water in a kettle? Boiling water gives off steam, which is a gaseous form of water known as water vapour. That's all three states of matter relating to water!

Monday 31st January 2022
I can explain what a gas is.

Do you know the names of any other gases?

Are gases always invisible?

Create a poster providing information about the properties of gases and some examples. Make it bright and colourful!