



Maths games!

Thursday 4th February 2021



'STORY CHALLENGE'



How to play

I am going to read and show you a story.

The story has a setting, characters and a plot.



HOWEVER


All you need to worry about is this question:




How many apples does Sam give to his Grandma?




Let's Play!




Once upon a time, there lived a little boy called Sam. Sam lived with his mother, his cat and a tame elephant called Ralph. They lived in a beautiful cottage surrounded by apple trees.




One autumn day, the trees were heavy with apples, just waiting to be picked. So, Sam picked 16 of the juiciest, shiniest apples to take to his grandma's house. Sam's grandma loved apples! But, so did Sam, so he gobbled one up straight away before he left. He fed another to Ralph as he passed him on the way out of the garden.



Sam enjoyed looking at the birds and other wild animals he passed as he walked through the woods. He was so distracted in fact, that he didn't even notice when a crow swooped down and stole a couple of the apples!



After a while, Sam reached a crystal clear stream. There was no way over the stream, but luckily it wasn't very wide so Sam took a few steps back and then leapt over it. Unfortunately, as he did so, 4 of his apples tumbled into the stream!



Suddenly, a wolf jumped out at Sam from behind a tree! "What a lovely basket of apples you have there, my boy" snarled the wolf. "Give me half of them, and I will let you pass!" Sam was very scared and quickly gave the wolf half of his apples, before running as fast as he could to his grandma's house.



"Oh, Grandma!" he cried, as she opened the door. "I've had such a fright! Quick, let me in!"

Grandma let him in and got him a drink of water to help him calm down. It helped and Sam started to feel better.




"Here you are, Grandma," said Sam. "These apples are for you."



**How many apples does Sam
give to his Grandma?**



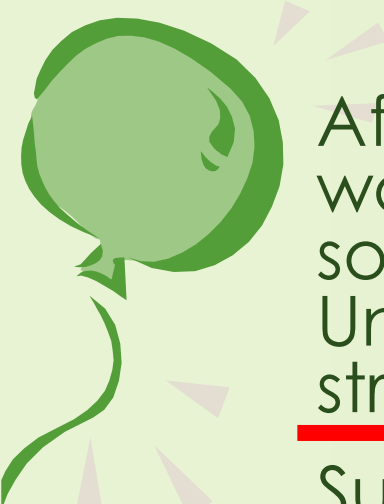
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4



'BINGO'



How to play

1. Draw a grid in your book that looks like this:

2. Fill the grid with numbers between 0 and 20

Hint: don't just go up in 1s and no repeats!

E.g.

14	9	2
0	20	12



How to play

3. I will give you some equations or number facts to work out.

E.g. What is $6+3$?



4. If you have the answer to that question, cross it out.

(so if the question was **What is $6+3$?** If you had **9** on your grid you would cross it out. If you don't have 9, do nothing.



5. The first person to have crossed out all of the numbers in their grid must unmute and shout **BINGO!**



Example

$$5+4=$$

$$8\div 4=$$

$$12+6=$$

$$7+ ? = 10$$

Double 10

14	9	2
0	20	12

Make sure you can still see the number under your cross so we can check you have all of the right answers if you call bingo!



Let's Play!



**‘What shape
am I?’**



How to play

2D shapes

I will describe a shape and you need to draw it and label what shape it is. When I say “SHOW ME!” hold it up and show me!

3D shapes

I will describe a shape but there is no need to draw it, just put your hands on your head if you think you know what it is!



Let's Play!

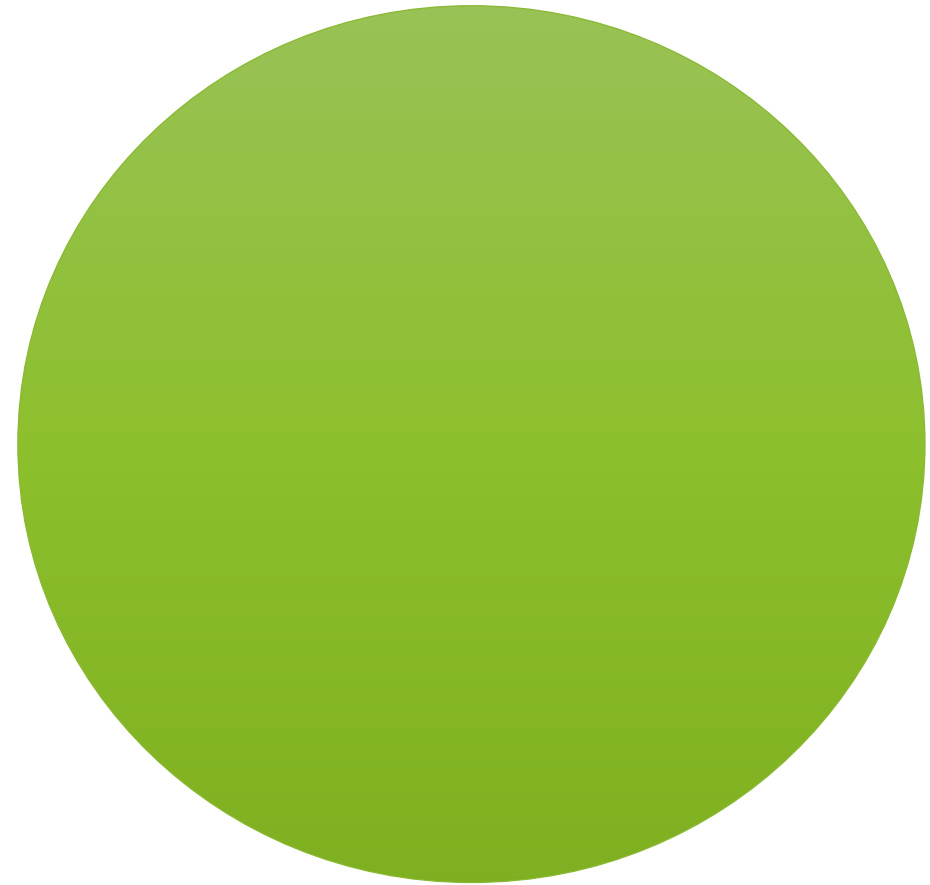
WHAT SHAPE AM I?

- I am a 2D shape
- I have 1 side
- I have 0 vertices



WHAT SHAPE AM
I?

- I am a 2D shape
- I have 1 side
- I have 0 vertices



circle

WHAT SHAPE AM I?

- I am a 2D shape
- I have 3 sides
- I have 3 vertices



WHAT SHAPE AM
I?

- I am a 2D shape
- I have 3 sides
- I have 3 vertices



triangle

WHAT SHAPE AM I?

- I am a 2D shape
- I have 4 sides
- All of my sides are equal



WHAT SHAPE AM
I?

- I am a 2D shape
- I have 4 sides
- All of my sides are equal



square

WHAT SHAPE AM I?

- I am a 2D shape
- I have 6 sides
- I have 6 vertices



WHAT SHAPE AM
I?

- I am a 2D shape
- I have 6 sides
- I have 6 vertices



hexagon

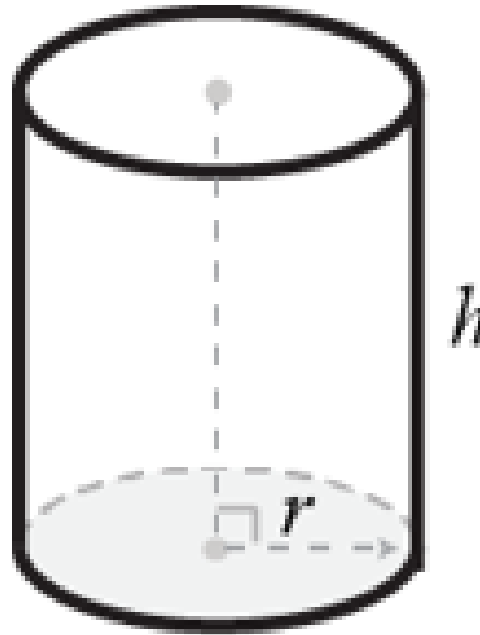
WHAT SHAPE AM I?

- I am a **3D** shape
- I have 2 edges
- I have 3 faces
- I have 0 vertices
- **Hint: I am the shape of a tin of beans**



WHAT SHAPE AM I?

- I am a **3D** shape
- I have 2 edges
- I have 3 faces
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cylinder

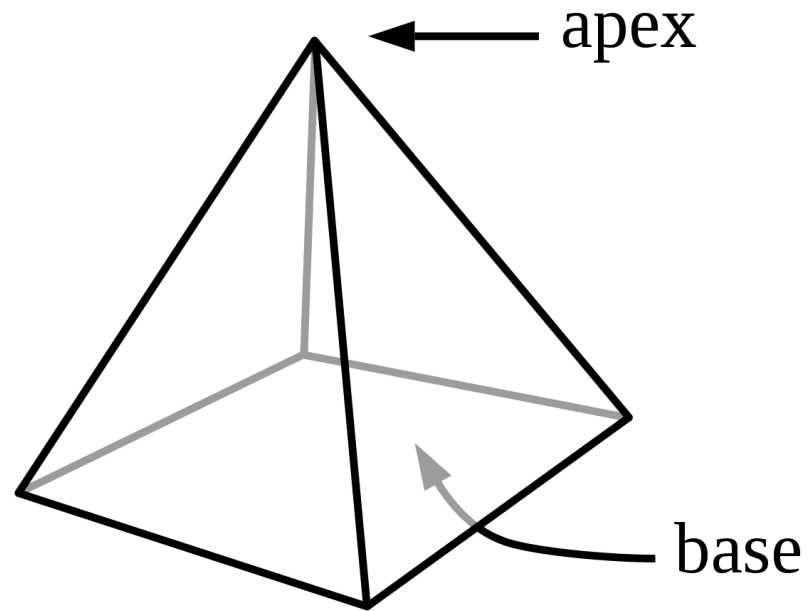
WHAT SHAPE AM I?

- I am a **3D** shape
- I have 8 edges
- I have 5 faces
- I have 5 vertices
- **Hint: In Egypt, there are many of me**



WHAT SHAPE AM I?

- I am a **3D** shape
 - I have 8 edges
 - I have 5 faces
 - I have 5 vertices
-
- **Hint: In Egypt, there are many of me**



pyramid

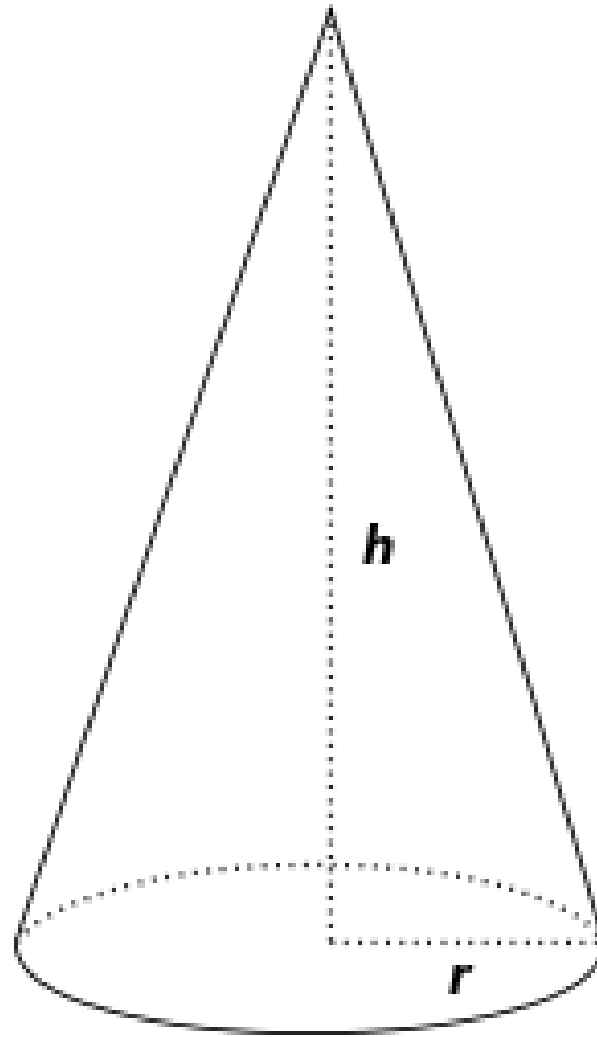
WHAT SHAPE AM I?

- I am a **3D** shape
- I have 1 edge
- I have 2 faces
- I have 1 vertices
- **Hint: You put your ice cream on top of me**



WHAT SHAPE AM I?

- I am a **3D** shape
- I have 1 edge
- I have 2 faces
- I have 1 vertices
- **Hint: You put your ice cream on top of me**



cone