

Paper cut maths

Watch this video

- <https://vimeo.com/86924977>
- Which piece of paper has a greater area?
- Explain your reasoning



Prize

You can have a 1m long line of \$1 coins or a 300cm² rectangle of 10-cent coins. Which option would you prefer? Why?

Fractions

Which fraction is bigger $\frac{2}{3}$ or $\frac{201}{301}$?

Juice

It takes 2 minutes to squeeze $\frac{2}{3}$ of a cup of juice. How much juice can I squeeze in 16 minutes?



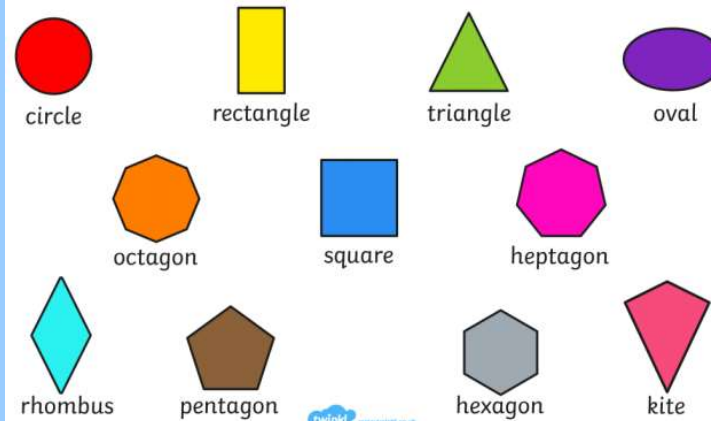
Chocolate

I have 6 chocolate bars and 8 friends. How can I evenly share the chocolate?



Shapes

You have 4 straight lines. Draw all the shapes you can make.



Broken calculator

I have a calculator and the 4 button does not work. How could I solve this sum 634×4 ?

Show Me A Sign!

Use each of the four digits in the box once and only once. Arrange them and insert operational symbols to = 1

Example:

9	2	1
3	6	

 $(3 \times 6) \div 2 + 1 - 9 = 1$

Challenge #3

	8	1
5		
	2	

C:
sa

My Answer: _____