

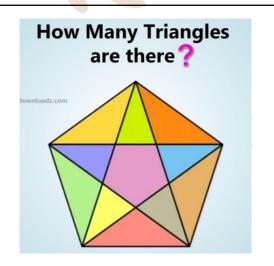


# Aims of the Workshop



- To gain knowledge of the Five Way's calculation policy and the steps your child(ren) should be taking to work out the correct answer.
- To take away some ideas and resources to support your child(ren) at home on the lead up to the KS2 SATs.
- To work with your child(ren) in a variety of maths activities.





#### 56 is the answer.

What was the question?

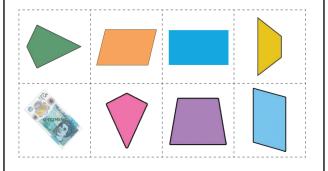
How many 'new' numbers can you make using these three digits:

1

2

3

Here are 8 shapes. Which could be the odd one out? Why?



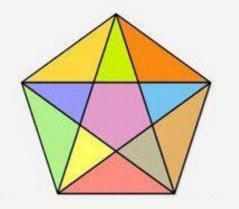


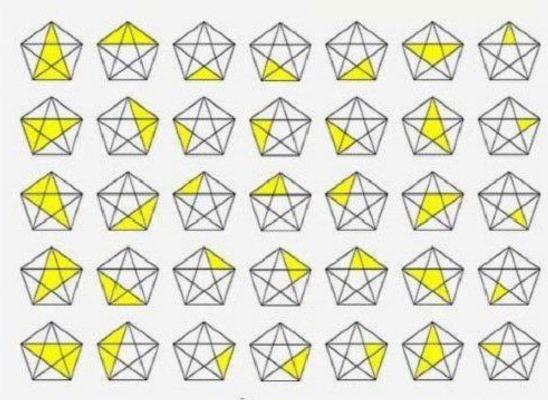






# How Many Triangles? Answer: 35



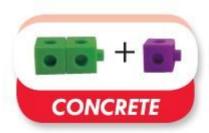






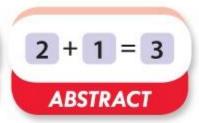
## Mathematics at Five Ways



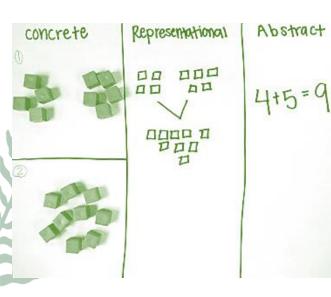




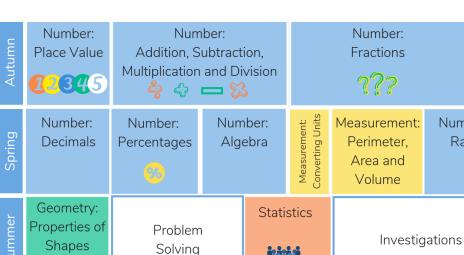
Abstract

















Number:

Ratio

Consolidation

Consolidation



## Long Division



Year 6

### **Calculation policy**

Updated September 2024

	0	3	6
2	4	3	2
	3	6	
		7	2
		7	2
			0

#### 1111/

#### Top Tips

- Always figure out the multiplication table first and write it down (you may need to use addition to do this).
- Work out the remainder with the same steps as a column subtraction.
- Bring the next digit down to meet the remainder.
- Fill in the numbers at the top as you go through the calculation.









## Long Multiplication



Year 6

### **Calculation policy**

Updated September 2024

	П	1	2	0	7	
	×			3	6	
+		7	2	4	2	$(1,207 \times 6)$
	3	6	2	1	0	$(1,207 \times 30)$
	4	3	4	5	2	



#### Top Tips

- Write the calculation out clearly, with each digit in a different square to keep them in the correct place value columns.
- Jot down which calculation you are working out on the right-hand side.
- Remember to use zero the hero!
- Take care with the addition.









## Percentage



## Percent = per 100



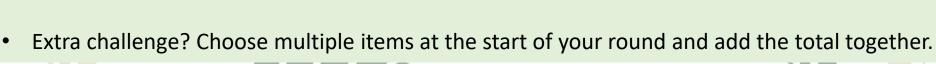
100% is the whole.

50% is a half.

25% is a quarter.



- Each player picks an item at the start of the round.
- Each player then rolls the dice.
- The number on the dice relates to an instruction involving percentage.
- Each player works out their total cost.
- The player with the lowest total cost wins the round.
- Keep playing until a player wins three rounds.







## Percentage and Fractions



Tick the fractions numbers that are equal to 40%.

$$\frac{1}{40}$$

$$\frac{4}{10}$$

2 marks





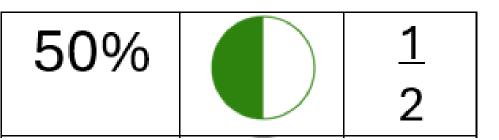




## Percentage and Fractions



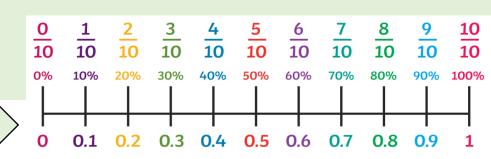
## Card match game!





#### Other ways to use these cards:

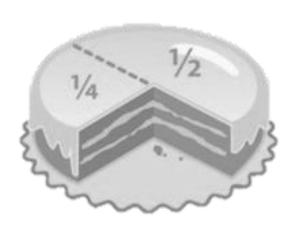
- Pick 5 cards at random and put them in ascending or descending order.
- Against the clock! Time how long it takes you to match all the cards together. Can you beat your quickest time?
- Choose two cards at random. Add or subtract the amounts chosen.
- Can you create an extra card with the equivalent decimals?





## Fractions





#### FRACTIONS ARE A PIECE OF CAKE!









## Fractions

# Multiplying Fractions

$$\frac{3}{4} \times \frac{2}{5} = \frac{3 \times 2}{4 \times 5} = \frac{6}{20}$$





Simplify?



## Mathematics- Resources











MathsBot.com









### Homework and CGP



