

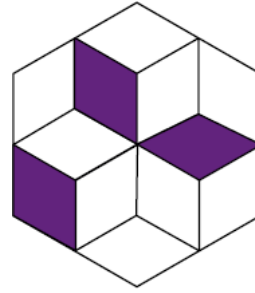
Maths – Fractions, Percentages and Decimals

Chernice has a bag containing 500 sweets. 23% of the sweets are red, 47% of the sweets are blue, and the rest are green.

How many green sweets are there in the bag?

- a) 430
- b) 350
- c) 200
- d) 100
- e) 150

What percentage of this shape is shaded?



- a) 20%
- b) 30%
- c) 50%
- d) 25%
- e) 75%

A group of children are asked to pick their favourite colour. The following table shows their answers.

Colour	Number of children
Red	9
Orange	10
Green	5
Blue	8

What percentage of the children picked blue?

- a) 18%
- b) 20%
- c) 27%
- d) 25%
- e) 8%

Madalyn divides a cake into 20 equal slices. She eats 4 slices of the cake.

What percentage of the cake does Madalyn eat?

- a) 30%
- b) 40%
- c) 20%
- d) 25%
- e) 12%

Which of the numbers below is equivalent to $\frac{15}{6}$?

- a) $\frac{10}{12}$
- b) $\frac{15}{3}$
- c) $2 \frac{1}{3}$
- d) $\frac{2}{5}$
- e) $2 \frac{1}{2}$

Dora has twelve 20p coins and eight 10p coins in her purse. She puts $\frac{1}{3}$ of the 20p coins and $\frac{1}{4}$ of the 10p coins into a charity box.

How much money does Dora put in the charity box?

- a) £1.20
- b) 60p
- c) £1.50
- d) 80p
- e) £1.00

Verbal Reasoning

Odd Ones Outs - Three of the words below are linked. Find the two words that are not related to these three and select them both.

concur
contrast
counter
correspond
differ

enigmatic
peculiar
quirky
mysterious
eccentric

enquire
command
instruct
query
insist

gully
gorge
cliff
pinnacle
canyon

Letter Word Codes - Use the alphabet to help you work out the answer to the question below.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

If the code for **KIND** is **IFJY**, what is the code for **PLUG**?

FAIL
 FEEL
 FUEL
 FEAR
 LURE

If the code for **FETA** is **GDUZ**, what is the code for **LESS**?

FAIL
 FEEL
 FUEL
 FEAR
 LURE

If the code for **NAPE** is **QDSH**, what is **IXHO** the code for?

FAIL
 FEEL
 FUEL
 FEAR
 LURE

Non – Verbal Reasoning - Find the figure like the first two.

a)	b)	c)	d)	e)
a)	b)	c)	d)	e)
a)	b)	c)	d)	e)

English - Choose the word which completes the sentence correctly.

The team we _____ playing against had some of the best players I'd ever seen.

- we're
- is
- was
- where
- were

The average human yawns five to ten times a day, with each yawn _____ approximately six seconds.

- lasting
- lasted
- lastly
- last
- lasts