## 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

100-70:30


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

| Colour | Number of <br> 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) $8 \%$

Which of the numbers below is equivalent to 15/6?
a) $10 / 12$
b) $15 / 3$
c) $21 / 3$
d) $2 / 5$
e) $21 / 2$

## 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.


| eniamatic <br> peculiar <br> quirky <br> mysterious <br> eccentric. |
| :--- |


| enquirs |
| :--- |
| command |
| instruct |
| query |
| insist |


| gully |
| :--- |
| gorge |
| gliff |
| pinnacte |
| canyon |

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

## ABCDEFGHIJKLMNOPQRSTUVWXYZ

If the code for KIND is IFJY, what is the code for PLUG?FAIL
○ FEEL

$$
-2-3-4-5
$$

\& FUELFEARLURE
If the code for FETA is GDUZ, what is the code for LESS?

FAIL
○ FEEL
(1) FUEL

○ FEAR
O LURE


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



In all figures, two shapes must have the same number of sides, and the third shape must have one less side.

In all figures, the shape at the bottom of the figure must have a dashed outline.

All figures must have two sets of the same two shapes in different sizes. The outer shape in the smaller set of shapes must be a 90 degree anticlockwise rotation of the outer shape in the larger set of shapes. The inner shape in the smaller set of shapes must be a vertical reflection of the inner shape in the larger set of shapes. The inner shape is grey in the larger set of shapes and is black in the smaller set of shapes.

## English - Choose the word which completes the sentence correctly.

| The team we__ playing against had some of the best players l'd ever seen. |
| :--- | :--- |
| we're |
| is |
| was |
| where |
| were |
| lasting |
| lasted |
| lastly |
| last |
| lasts |

