Year 6 Maths Activity Mat: 2

Answers

Section 1

Order the following numbers from the smallest to largest:

1 101 011 **1 110 101** **1 100 111** **1 010 011**

1 010 011	1 100 111	1 101 011	1 110 101

Section 2

Four classes share 3 boxes of 500 pencils. Ring the amount which is a good estimate of how many pencils each class will have.

42   420   (380)   38   450   45

Section 3

A box holds six eggs. There are 532 eggs. How many full boxes will there be?

88 boxes

Section 4

Simplify the following fractions:

$\frac{8}{12}$ = **$\frac{2}{3}$**

$\frac{15}{25}$ = **$\frac{3}{5}$**

Section 5

Calculate:

0.4 x 100 = **40**

0.9 x 100 = **90**

0.7 x 100 = **70**

Section 6

Convert the following:

0.2kg = **200**g

1.49kg = 1490g

1.2kg = **1200**g

1.35kg = 1350g

Section 7

Draw two shapes that will go into each area of this Venn Diagram, including outside the circles.

Example shapes that could appear in each section:

One right angle: Irregular pentagon and hexagon with at least one right angle

Four or less sides: Equilateral triangle, isosceles triangle (no right angle)

Both: Right angled triangle, square

Outside: Regular hexagon, regular octagon

Section 8

Class **A** researched children's favourite flavour of crisps. They presented the results in a pie chart.

Eight children chose Ready Salted as their favourite. How many children chose Cheese and Onion, Salt and Vinegar and Smokey Bacon?

Cheese and Onion: **4**

Salt and Vinegar: **12**

Smokey Bacon: **8**