

Year 6 Maths Activity Mat

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Section 1

Order the following numbers from the smallest to largest:

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

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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?

Section 4

Simplify the following fractions:

$$\frac{8}{12} = \boxed{}$$

$$\frac{15}{25} = \boxed{}$$

Section 5

Calculate:

$$0.4 \times 100 = \boxed{}$$

$$0.9 \times 100 = \boxed{}$$

$$0.7 \times 100 = \boxed{}$$

Section 6

Convert the following:

$$0.2\text{kg} = \boxed{} \text{g}$$

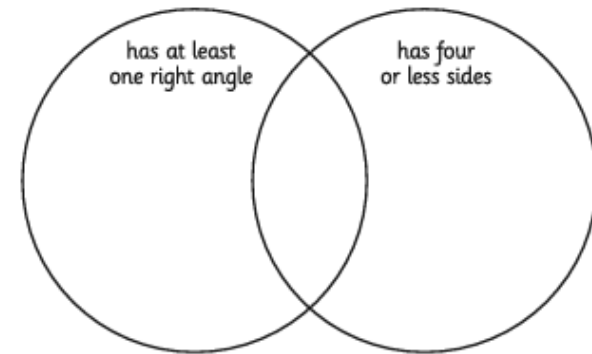
$$\boxed{} \text{kg} = 1490\text{g}$$

$$1.2\text{kg} = \boxed{} \text{g}$$

$$\boxed{} \text{kg} = 1350\text{g}$$

Section 7

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



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:

Salt and Vinegar:

Smokey Bacon: