

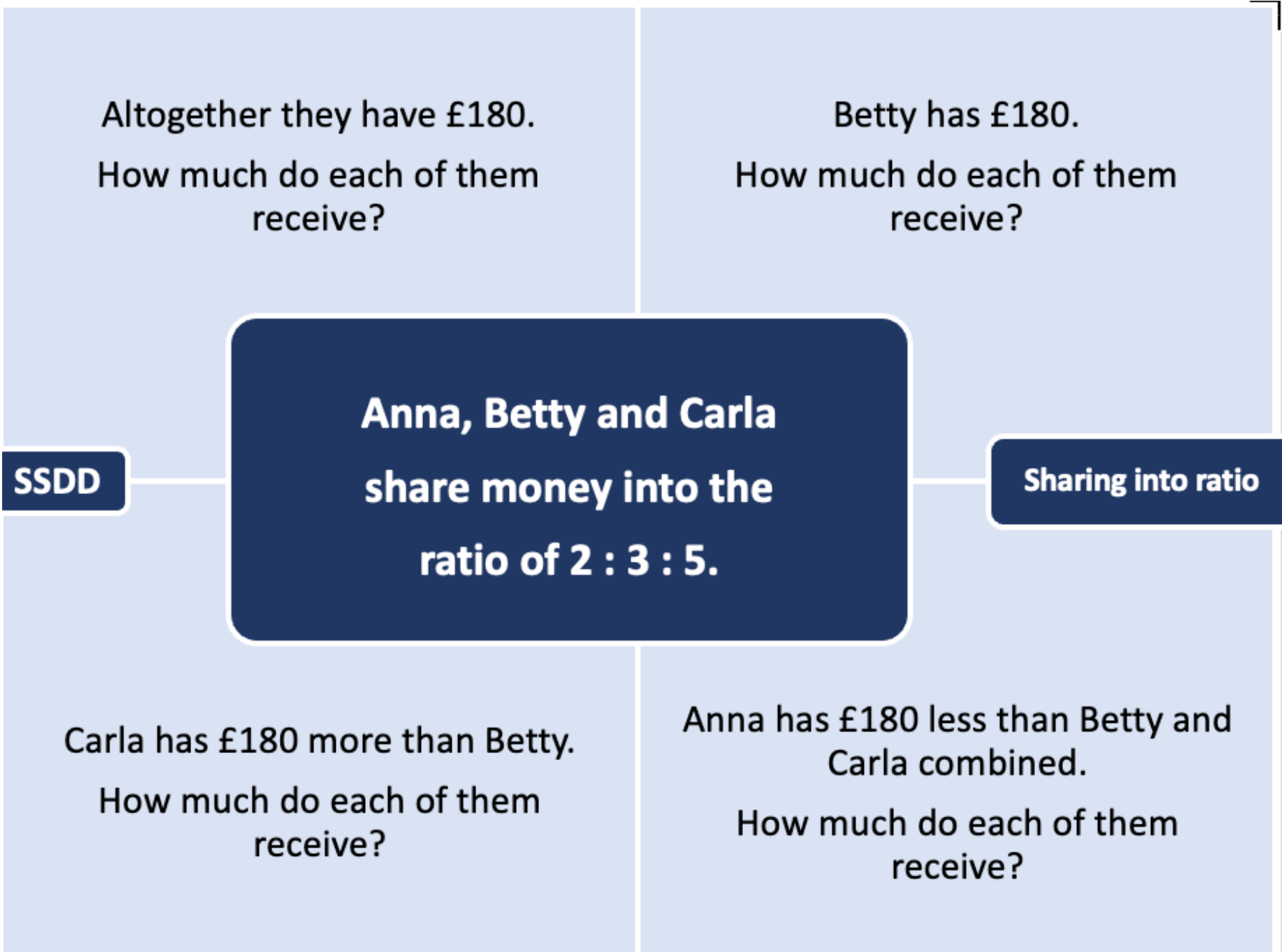
A class contains girls and boys.  
 $\frac{3}{5}$  of the class are girls. Write the  
ratio of boys to girls

$\frac{3}{5}$  of a number is 60.  
What is the number?

3  
|  
5

Mr. Kay is drawing a pie chart.  $\frac{3}{5}$  of the  
people he asked said blue was their  
favourite  
colour. What angle would this be?

A square has side length  $\frac{3}{5}$  cm.  
What is the perimeter of the square?



0.3    31%     $\frac{12}{30}$

Q1) Put these in order smallest to largest, show your working.

0.3    31%     $\frac{12}{30}$

Q2) Which of these is closer to 50%?

0.3    31%     $\frac{12}{30}$

Q3) A shop offers these 3 reductions on a £300 television. What reduction will I get from each offer?

0.3    31%     $\frac{12}{30}$

Q4) These are 3 peoples scores on a test. What was the average score?

Write  $4.2 \times 10^7$  as an ordinary number

Evaluate the perimeter of a square of sides  $4.2 \times 10^7$

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$$4.2 \times 10^7$$

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A cube has dimensions  $4.2 \times 10^7$ .  
Find the volume of the cube.  
Give your answer in standard index form to 2 significant figures.

A rocket flies at a speed of  $4.2 \times 10^7$  km/h for 15 minutes. How far did it travel in this time?

A can of pop has a height of 120mm and a base diameter of 68mm.

How much pop does the can hold?

A can of pop has a height of 120mm and a base diameter of 68mm.

How much aluminium was used to make the can?

You CAN



do this!

A can of pop has a height of 120mm and a base diameter of 68mm.

The drinks company has a special offer on, 30% extra free!  
If the diameter doesn't change, how tall is the new can?

A can of pop has a height of 120mm and a base diameter of 68mm.

The can is turned on its side and the pop reaches a height of 17mm above the table.  
How much pop is in the can?