Revision 4 Mathematics

1. **Equivalent Fraction Maze**- Find your way through the maze by clicking all the blocks that are equivalent to the starting block. You cannot move diagonally.

Start $\frac{2}{3}$	$\frac{8}{12}$	$\frac{44}{66}$	$\frac{12}{30}$	$\frac{1}{5}$	$\frac{9}{12}$	$\frac{22}{34}$	$\frac{1}{10}$
$\frac{9}{12}$	$\frac{22}{32}$	$\frac{10}{15}$	$\frac{4}{9}$	$\frac{16}{28}$	$\frac{4}{18}$	$\frac{2}{12}$	$\frac{2}{6}$
$\frac{2}{5}$	$\frac{12}{24}$	$\frac{20}{30}$	$\frac{6}{8}$	$\frac{12}{18}$	$\frac{18}{27}$	$\frac{6}{9}$	$\frac{200}{300}$
$\frac{6}{15}$	$\frac{14}{22}$	$\frac{40}{60}$	$\frac{8}{14}$	$\frac{30}{45}$	$\frac{12}{32}$	$\frac{16}{48}$	$\frac{14}{21}$
$\frac{1}{8}$	$\frac{10}{25}$	$\frac{22}{33}$	$\frac{16}{24}$	$\frac{24}{36}$	$\frac{6}{12}$	$\frac{10}{14}$	$\frac{26}{39}$
$\frac{4}{7}$	$\frac{3}{8}$	$\frac{36}{48}$	$\frac{6}{20}$	$\frac{6}{18}$	$\frac{10}{25}$	$\frac{1}{4}$	Finish $\frac{4}{6}$

2. Drag and drop these fractions to the correct boxes.

1/9	3/4	4/8	7/10	3/6	7/9	1/10	5/9

Less than half	A Half	More than a half

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3. These fractions have the same value except one.

a) Which is the odd one out?

2/4 4/8 4/4 8/16

b) Write next fraction with the same value as the above fractions.

_____

b) Drag and drop the fractions in the correct place:

2/5	4/5	8/10	5/15	2/4	4/8

a. Less than a half _____

b. More than a half _____

c. A half _____

4. Teacher selected between 60 and 100 students for a school concert.



When students were put into pairs, there is 1 child left.

When students are put into groups of 5, there is 1 child left.

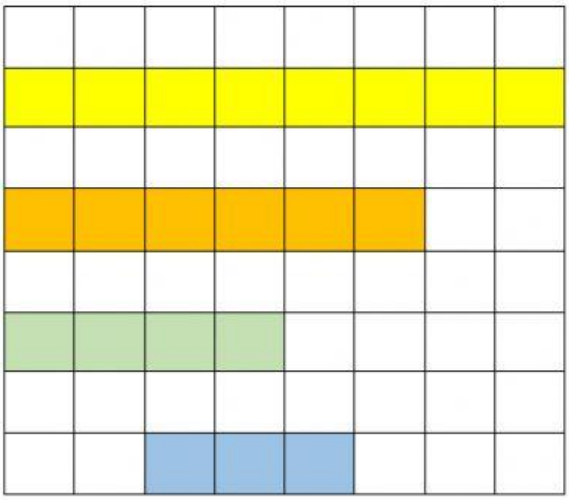
When they are put in groups of 8, there is 1 child left.

How many children are in the concert? _____

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5. Look at the box having different colour rods. Answer the questions below related to the box.



Yellow- Rod A

Orange- Rod B

Green- Rod C

Blue- Rod D

Now answer these:

a) Which rod is 2/3rd of rod B? _____

b) Which rod is 50% of rod B? _____

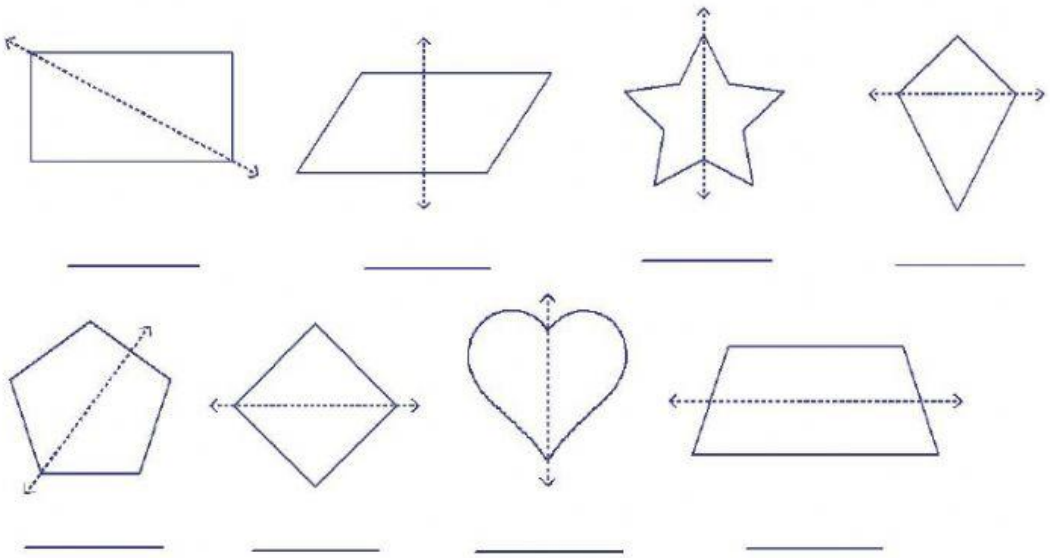
c) Write in fraction: Rod C is _____ of Rod A

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6. Recognise the line of symmetry.

Is the dotted line on each shape a line of symmetry? Write yes or no next to it.



7. Forty-eight students are planning a birthday party for their teacher. They will all sit around tables when they eat.



Remember: Same number of students will sit at each table and at least 4 students will sit at each table.

Can you fill in the gaps? 1 has been done for you.

Number of tables	Number of students per table
2	24

Every student was given a bag of sweets. The sweets are sold in packs 9.

a) How many packs do they need to buy? _____

b) How many packs of sweets will be left over? _____

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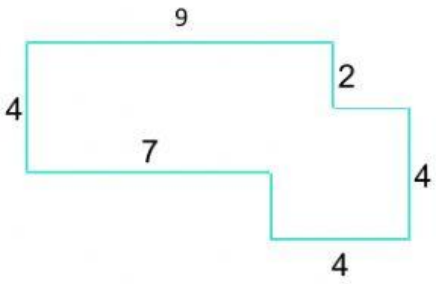
8. Can you fill the blanks? First one has been done for you.

4	8	12	16
10			40
1/4			1
5			14
3			24

9. Everyday Retag jogs around her building. Here is a diagram of her building below.

10.





What is the perimeter of the building?

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