

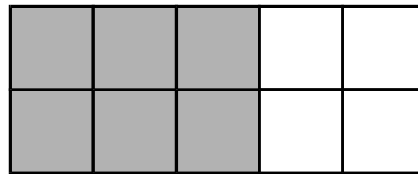
**FRACTIONS TEST (Addition & Subtraction)**

1. Complete the equivalent fractions.

(a)  $\frac{3}{5} = \frac{\square}{15}$

(b)  $\frac{2}{\square} = \frac{4}{14}$

2. (a) What fraction of this shape is shaded?  
Give your answer in its simplest form.



Answer .....

(b) Work out  $\frac{3}{5} + \frac{1}{5}$

Answer .....

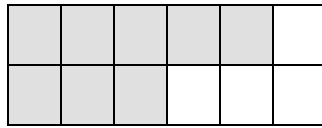
(c) Work out  $\frac{1}{5} + \frac{1}{10}$

Answer .....

3. **Circle** the fractions are equal to  $\frac{1}{5}$

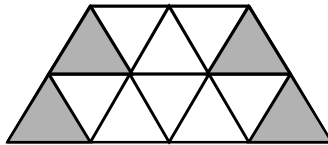
$\frac{2}{10}$     $\frac{3}{15}$     $\frac{5}{35}$     $\frac{10}{50}$     $\frac{25}{100}$     $\frac{100}{500}$

4. (a) What fraction of this rectangle is shaded? SIMPLIFY your answer.



Answer .....

5. (a) The diagram shows a trapezium divided up by equal sized triangles.



What fraction of the trapezium is shaded?  
Give your answer in its simplest form.

Answer.....

- (b) Complete the following equivalent fractions

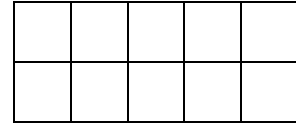
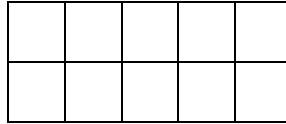
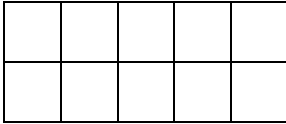
$$\frac{3}{4} = \frac{\quad}{12}$$

$$\frac{2}{3} = \frac{\quad}{12}$$

- (c) Which is the **smaller**,  $\frac{3}{4}$  or  $\frac{2}{3}$ . Use part (b) to explain your choice.

Answer.....

6. Shade in the rectangles to complete the fraction sum.



$$\frac{1}{2} + \frac{2}{5} = \dots\dots\dots$$

7. Find the value of  $\frac{6}{8} - \frac{1}{8}$

Answer .....

8. Find the value of  $\frac{1}{4} + \frac{1}{3}$

Answer .....

9. Find the value of  $\frac{2}{5} - \frac{1}{3}$

Answer .....

10. Find the value of  $2\frac{2}{3} + 1\frac{1}{2}$

Answer .....