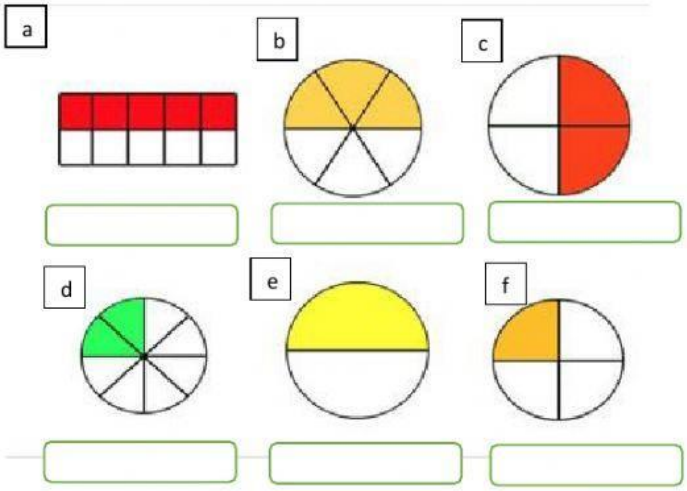
Rosary Boys' R.C. School

Standard Three

Mathematics

Beginning Fractions

1. Ren needs to express the shaded portions below as **proper fractions.** Help him by dragging and dropping the Word Names by their corresponding pictures.



Five tenths

One half

Two eighths

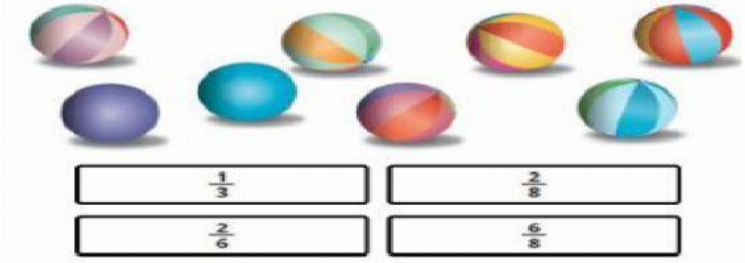
One quarter

Two quarters

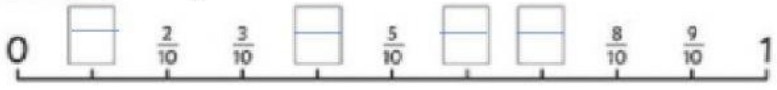
Three sixths

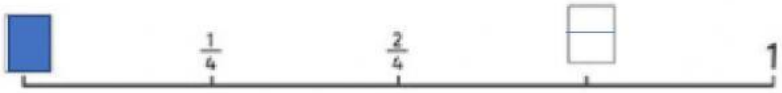
b. Indicate which shapes above all have the same size value by clicking the letters associated with each shape. (a, b, c, d e and f)

2. What fraction of the balls is striped?



3. Fill in the missing fractions on the number lines below.

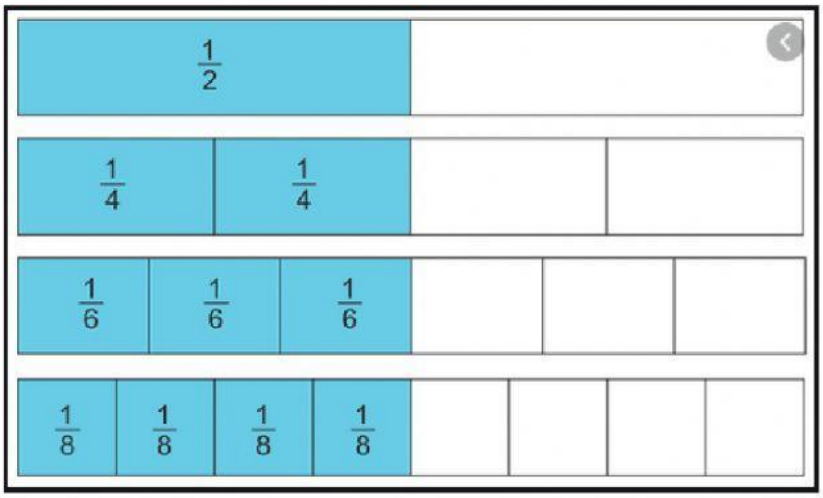




b. What should be written in the blue box?

4. Anterre bought 6 kg of potatoes. She used 2 kg to make fries, 1kg for a shepherd's pie and she gave the rest to someone in need. What fraction of potatoes did Anterre give away?

5. Use the chart to find equivalent fractions by filling in the missing numerators or denominators in a and b.



a. $\frac{1}{4} = \frac{2}{\square}$

b. $\frac{1}{2} = \frac{\square}{6}$

6. Complete the pairs of equivalent fractions.

$\frac{4}{10} = \frac{\square}{5}$ $\quad\quad$ $\frac{\square}{8} = \frac{14}{16}$

$\frac{\square}{5} = \frac{9}{15}$ $\quad\quad$ $\frac{2}{3} = \frac{10}{\square}$

7. Reduce the following fractions to their lowest form.

$\frac{9}{45} = \frac{\square}{\square}$ $\quad\quad$ $\frac{3}{15} = \frac{\square}{\square}$

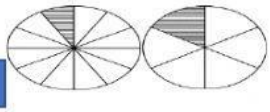
8. Compare each fraction by putting <, > or =

$\frac{3}{6} \square \frac{4}{8}$ $\quad\quad$ $\frac{2}{6} \square \frac{3}{4}$ $\quad\quad$ $\frac{7}{8} \square \frac{5}{6}$

9. Drag and drop the following fractions in ASCENDING ORDER.

$\frac{3}{4}$ $\frac{3}{6}$ $\frac{3}{8}$

10. Lisa and Mary each bought a cake. Both cakes were the same size. Lisa cut her chocolate cake into 12 equal slices and Mary cut her strawberry cake into 6 equal slices. They both ate one slice.



a. Whose slice of cake was bigger?

b. Lisa ate 3 slices of cake and Mary ate 2 slices of her cake. Who ate more of their cake?

c. Which explanation best suits your answer?

The more slices you cut, the smaller the pieces.

The more slices you cut, the larger the pieces.

11. Match the terms to their corresponding fractions.

$\frac{7}{3}$

Mixed Number

$2\frac{1}{3}$

Proper Fraction

$\frac{4}{5}$

Improper Fraction