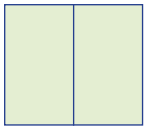
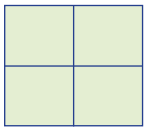
6 Fractions

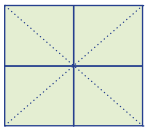
Q1. Find in how many equal parts each figure is divided and match the following:



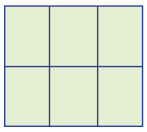
4 equal parts



6 equal parts



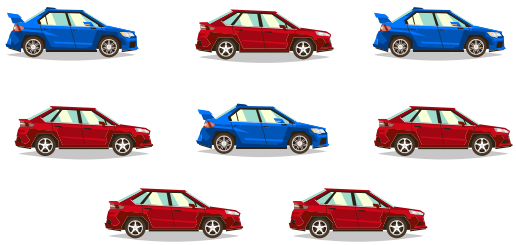
8 equal parts



2 equal parts

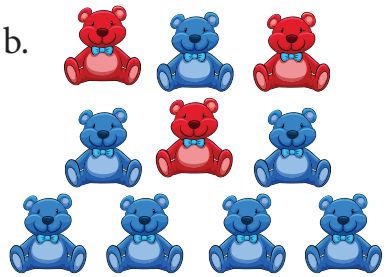
Q2. Write the fraction for the red objects:

a.



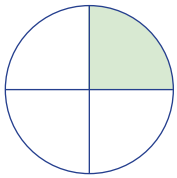
_____

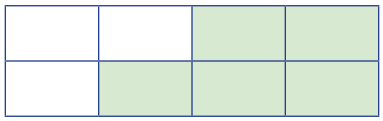
b.



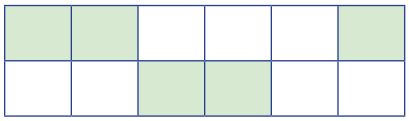
_____

Q3. Write the fraction for the shaded parts:

a.  : _____

b.  : _____

Q4. Observe the figure carefully and fill in the blanks:



a. The rectangle is divided into _____ equal parts.

b. Number of shaded parts: _____

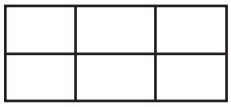
c. Fraction of the shaded portion: _____

d. Number of unshaded parts: _____

e. Fraction of the unshaded portion: _____

Q5. Circle the unit fraction from the following. Shade the part(s) of the figure to reflect the unit fraction:

$\frac{1}{6}, \frac{5}{6}, \frac{7}{6}$

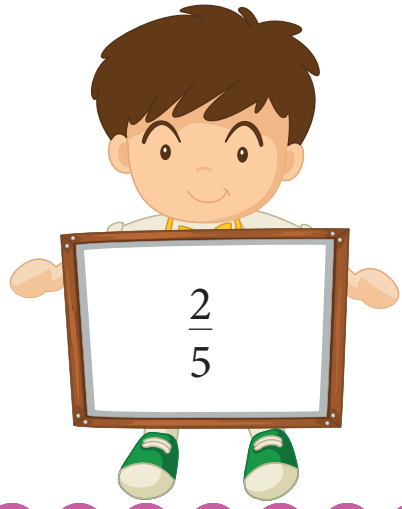


Q6. Find the equivalent fraction for the fraction written on the board. Help the boy find which bunches of balloons belong to him. Draw a line from the boy to the correct bunches.

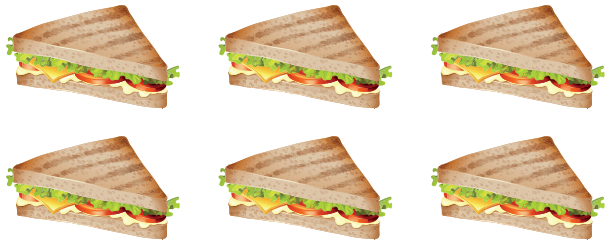
$\frac{4}{25}$

$\frac{4}{10}$

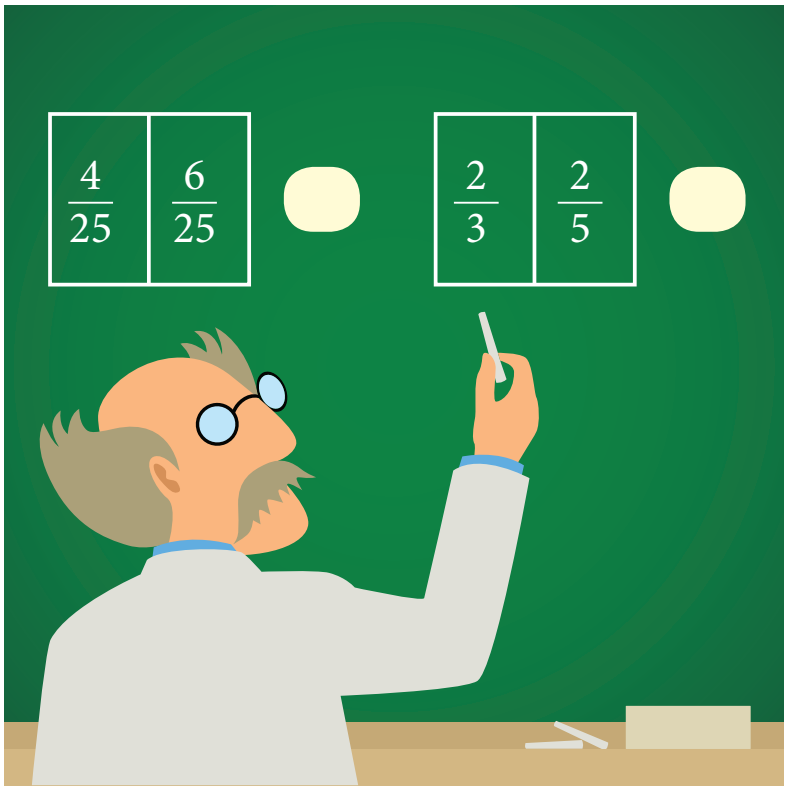
$\frac{6}{15}$



Q7. Rani's mother gave 6 sandwiches for lunch. Rani ate $\frac{1}{3}$ of the sandwiches. Find out the number of sandwiches eaten by Rani and circle them.



Q8. Mr. Desai has written two pairs of fractions on the board. He wants the students to identify which pair is a pair of like fractions. Can you identify and tick the correct pair?



Q9. Mrs. Keerti bought a pizza for her children. She divided the pizza into 8 equal pieces. Her daughter Shreya ate 2 pieces, her son Amit ate 3 pieces and she herself ate 1 piece. Find the portions each of them ate and write in the space below. Also arrange the fractions in ascending order.

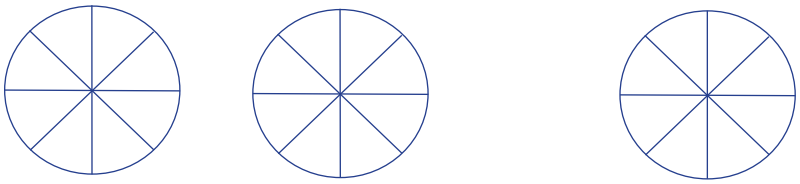
Answer: Shreya ate : _____

Amit ate : _____

Mrs. Keerti ate : _____

Ascending order: _____

Q10. Add the fractions and shade the portions accordingly:



$\frac{1}{8}$ + $\frac{3}{8}$ = $\frac{\quad}{\quad}$

Q11. Solve:

$\frac{8}{25} - \frac{2}{25}$

Answer: _____

Q12. Complete the series by finding equivalent fractions:

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

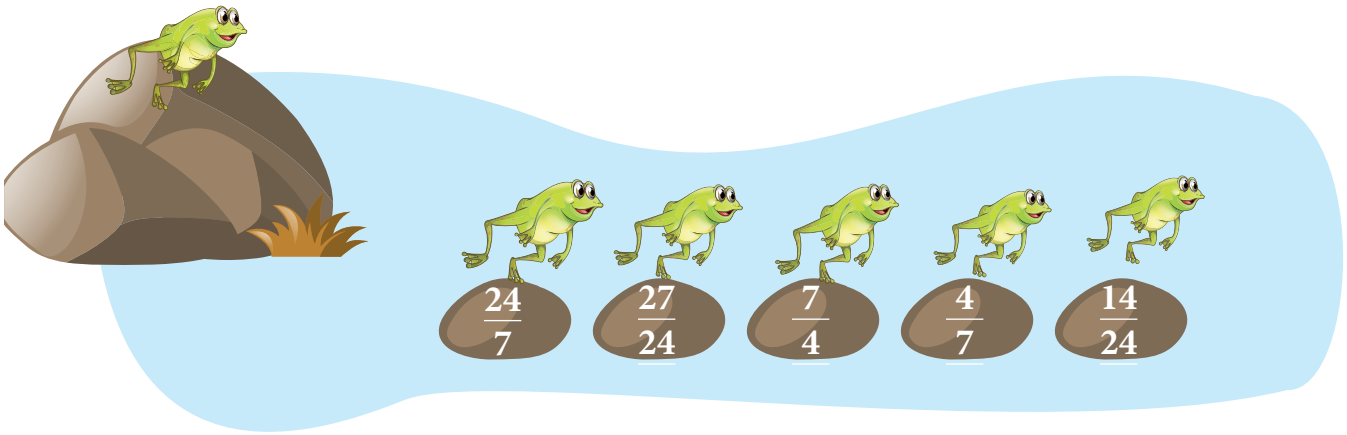
b. $\frac{12}{32} = \frac{6}{16} = \frac{\square}{\square}$

Q13. Reduce the following fractions to their lowest terms:

a. $\frac{48}{56} = \frac{\square}{\square}$

b. $\frac{12}{72} = \frac{\square}{\square}$

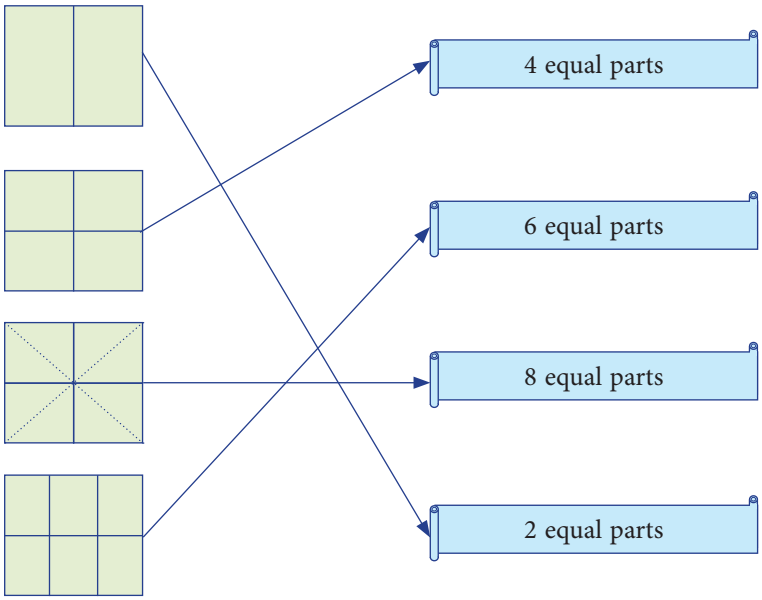
Q14. The stones with improper fractions written on them do not sink, but the ones with proper fractions sink. Help the frog cross the river by identifying the improper fractions and joining the stones to show him a safe path.



Q15. Hari ate $\frac{1}{7}$ of the cake in the morning and $\frac{3}{7}$ of the cake in the afternoon. How much cake did Hari eat in the whole day?

Answer: _____

ANSWERS

1. 

2. a. $\frac{5}{8}$

   b. $\frac{3}{10}$

3. a. $\frac{1}{4}$

   b. $\frac{5}{8}$

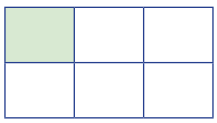
4. a. 12

   b. 5

   c. $\frac{5}{12}$

   d. 7

   e. $\frac{7}{12}$

5. $\frac{1}{6}$, 

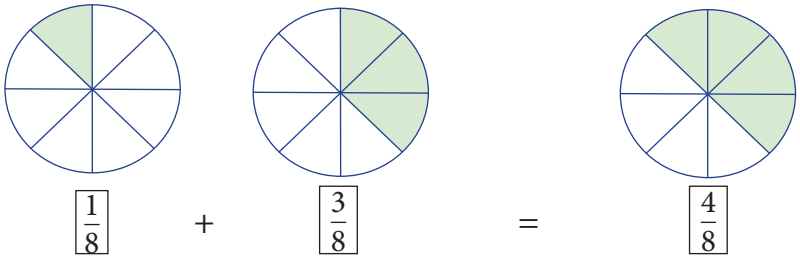
6. Match $\frac{2}{5}$ with $\frac{4}{10}$ and $\frac{6}{15}$

7. Circle any 2 sandwiches

8. Tick $\frac{4}{25}$, $\frac{6}{25}$

9. Shreya ate: $\frac{2}{8}$, Amit ate: $\frac{3}{8}$, Mrs Keerti ate: $\frac{1}{8}$

   Ascending order: $\frac{1}{8}$, $\frac{2}{8}$, $\frac{3}{8}$

10. 

11. $\frac{6}{25}$

12. a. $\frac{1}{2} = \frac{2}{4} = \frac{4}{8}$

    b. $\frac{12}{32} = \frac{6}{16} = \frac{3}{8}$

13. a. $\frac{48}{56} = \frac{6}{7}$

    b. $\frac{12}{72} = \frac{1}{6}$

14. Join the frog with $\frac{24}{7}$, $\frac{27}{24}$, $\frac{7}{4}$ and help him cross the pond

15. $\frac{4}{7}$ cake