

FRACTIONS

1. Compute and express the result as a mixed fraction.

(i) $3 + \frac{5}{7}$

(ii) $\frac{1}{5} + 5$

(iii) $2\frac{1}{2} + 3\frac{1}{3}$

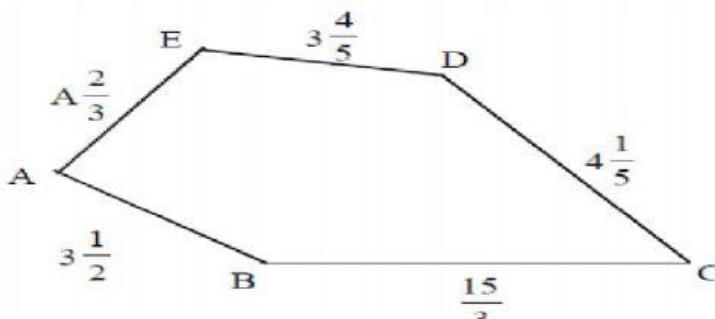
(iv) $3\frac{1}{7} + \frac{1}{5}$

(v) $2\frac{3}{4} + 3\frac{2}{3} - 5\frac{1}{2}$

(vi) $4\frac{7}{3} + 3\frac{1}{4} - 2\frac{4}{5} - \frac{1}{2}$

2. Find the perimeter of a rectangle whose length is $5\frac{1}{3}$ cm and breadth is $2\frac{1}{2}$ cm.

3.



Find the perimeter of a given figure.

4. In Koushink's birthday party, $\frac{1}{3}$ part of cake was distributed to friends and $\frac{1}{4}$ th part of cake to their parents. Then how much cake was left.

5. Adrika spend her time in a day as shown below :

studies - $\frac{1}{2}$ of the day

playing - $\frac{1}{6}$ of the day

Then find what is the remaining time spent for rest ?

1. Find the following :-

(i) $5 \times \frac{3}{7}$

(ii) $7 \times \frac{1}{8}$

(iii) $6 \times 2\frac{3}{5}$

(iv) $7 \times 1\frac{1}{2}$

2. Represent the product of 3 and $\frac{1}{4}$ pictorially.

3. Find (i) $\frac{2}{7}$ of 21 (ii) $\frac{3}{5}$ of 25

4. Find the product of

(i) $\frac{11}{20} \times \frac{4}{14} =$

(ii) $\frac{3}{15} \times \frac{3}{7} =$

(iii) $\frac{5}{7} \times \frac{15}{18} =$

(iv) $3\frac{4}{5} \times 5\frac{4}{3} =$

(v) $4\frac{2}{9} \times \frac{9}{38} =$

(vi) $7\frac{3}{5} \times \frac{5}{38} =$

5. A car runs 13 kms by using 1 litre of petrol. How much distance will it cover by using the petrol $5\frac{1}{2}$ litres of petrol.

6. Write the correct fraction in the boxes.

(i) $\frac{3}{7} \times \boxed{\quad} = \frac{12}{49}$

(ii) $\frac{6}{11} \times \frac{\boxed{\quad}}{6} = \frac{3}{\boxed{\quad}}$

7. The cost of 1m cloth is Rs.18. Then find the cost of $5\frac{1}{4}$ m cloth.