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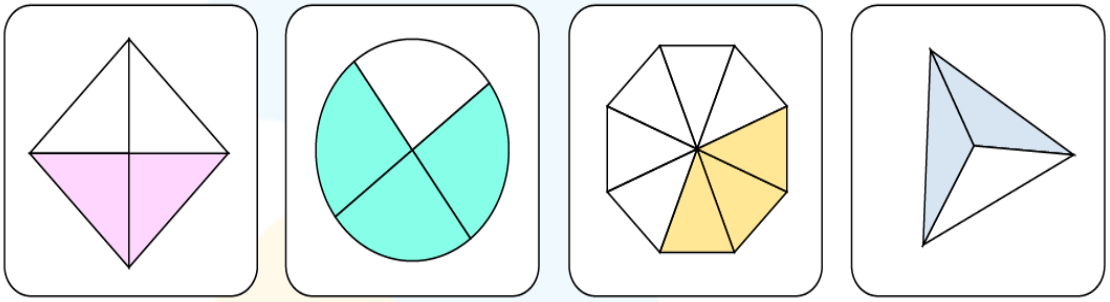
ADDING AND SUBTRACTING FRACTIONS WITH LIKE DENOMINATORS-IV

1) Add the difference between $\frac{3}{5}$ and $\frac{2}{5}$ to $\frac{2}{5}$.

2) Find the perimeter of the triangle whose side lengths are $\frac{1}{3}$ units, $\frac{2}{3}$ units and $\frac{2}{3}$ units respectively.

3) Solve and find the answer:
$\frac{4}{7} - \frac{1}{7} + \frac{2}{7}$.

4) Solve the given expression and choose the suitable representation for the answer:
$\frac{7}{8} + \frac{2}{8} - \frac{6}{8}$



(a) (b) (c) (d)

5) Solve the following expression on the number line given below:
$\frac{4}{9} + \frac{2}{9} - \frac{1}{9}$

6) Find the area of the resultant shape when a square of side $\frac{1}{4}$ units is cut out from a rectangle of length and breadth $\frac{3}{4}$ and $\frac{2}{4}$ respectively.

7) In a school bus if there are $\frac{3}{8}$ 4th-grade students and $\frac{2}{8}$ 5th-grade students, find out the fraction of combined students of the other grades?

8) Solve the following expression on the number line:

$\frac{2}{7} - \frac{2}{14}$

[Hint: simplify the fractions first.]

9) Find the missing term:

$\frac{3}{11} + \frac{4}{11} - \frac{1}{11} = \frac{?}{11}$

10) Fill in the blanks:

$\frac{7}{5} + \_\_\_ - \frac{2}{5} = \frac{8}{5}$

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- Barbara Cabrera

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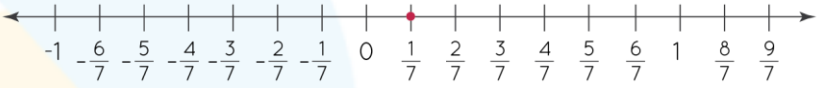
ANSWERS

1)	$\frac{3}{5}$
2)	$1\frac{2}{3}$ units
3)	$\frac{5}{7}$ units
4)	$\frac{3}{8}$;c)
5)	$\frac{5}{9}$
6)	$\frac{5}{16}$ square units
7)	$\frac{3}{8}$
8)	$\frac{1}{7}$ 
9)	6
10)	$\frac{3}{5}$

FUN FACT

1. The early applications of fractions included the division of food, supplies and the absence of a bullion currency.

2. The word fraction has its origin from the Latin word "fractio", meaning "to break".

3. If you have a common denominator for the terms while adding or subtracting fractions, then you can simply perform the operations on the numerators and retain the denominators.