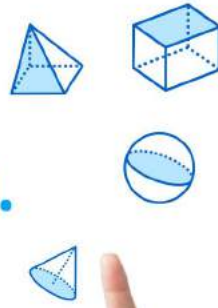


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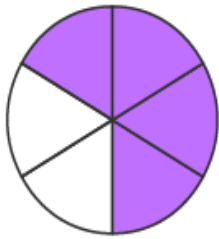
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## ADDING LIKE FRACTIONS WORKSHEET-IV

- 1) Add the fractions  $\frac{1}{6}$ ,  $\frac{1}{6}$  and  $\frac{2}{6}$  and choose the correct representation of the answer from the following figures.



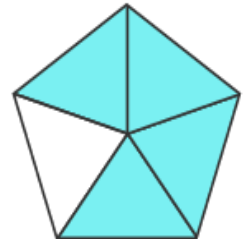
(a)



(b)

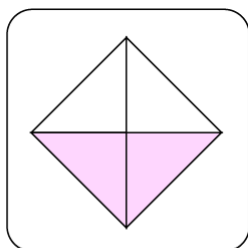


(c)

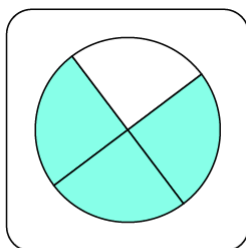


(d)

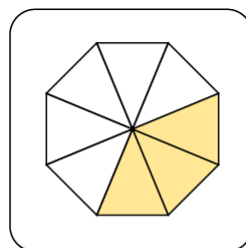
- 2) Find the perimeter of the triangle whose side lengths are  $\frac{1}{3}$  units,  $\frac{2}{3}$  units and  $\frac{2}{3}$  units respectively.
- 3) Find the perimeter of the rectangle whose length and breadth are  $\frac{12}{7}$  units and  $\frac{16}{7}$  units respectively.
- 4) Solve and find the answer:  $\frac{1}{12} + \frac{2}{12} + \frac{5}{12}$
- 5) Solve the given expression and choose the suitable representation for the answer:  $\frac{7}{8} + \frac{2}{8} - \frac{6}{8}$



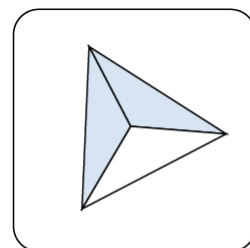
(a)



(b)



(c)



(d)

- 6) Find the missing number:  $\frac{3}{11} + \frac{4}{11} - \frac{1}{11} = \frac{?}{11}$

- 7) In a school bus if there are  $\frac{4}{18}$  4th-grade students and  $\frac{5}{18}$  5th-grade students, find out the fraction of grade 4 and 5 students in the bus altogether?



- 8) Fill the missing fraction:  $\frac{7}{5} + \underline{\hspace{1cm}} - \frac{2}{5} = \frac{8}{5}$

- 9) Find the sum:  $\frac{13}{121} + \frac{102}{121} = \frac{?}{121}$

- 10) There were 289 apples in a tree in Thomas's backyard. He picked  $\frac{6}{17}$ th the first day and  $\frac{7}{17}$ th the next day. Find the total number of the apples he picked.

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- Gary Schwartz

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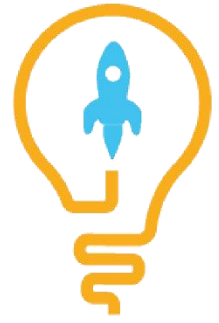
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**ANSWERS**

|     |                                     |
|-----|-------------------------------------|
| 1)  | $\frac{4}{6} = \frac{2}{3}$ ; a, c) |
| 2)  | $1\frac{2}{3}$ units                |
| 3)  | 8 units                             |
| 4)  | $\frac{8}{12} = \frac{2}{3}$        |
| 5)  | $\frac{3}{8}$ , (c)                 |
| 6)  | 6                                   |
| 7)  | $\frac{9}{18} = \frac{1}{2}$        |
| 8)  | $\frac{3}{5}$                       |
| 9)  | $\frac{115}{121}$                   |
| 10) | 221 apples                          |

## FUN FACT

1. The bar separating numerator and denominator in a fraction is called vinculum.
2. The early applications of fractions included the division of food, supplies and the absence of a bullion currency.
3. The word fraction has its origin from the Latin word "fractio", meaning "to break".

