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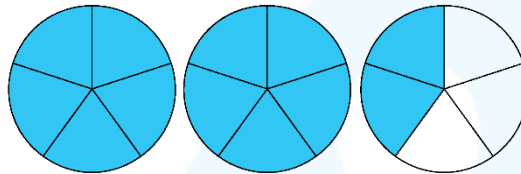
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IMPROPER FRACTION TO MIXED NUMBER WORKSHEET-III

1) Find the mixed number equivalent for the following improper fractions.

a) $\frac{17}{4}$
 b) $\frac{21}{2}$

2) Use the following illustration to convert the given improper fraction to a mixed number.



$$\frac{12}{5} =$$

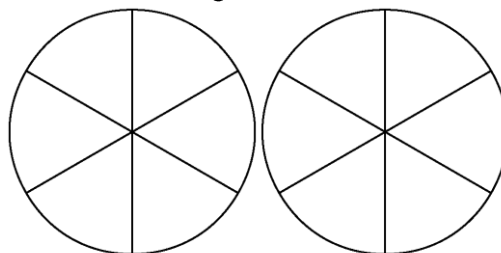
3) State whether true or false.

The improper fraction $\frac{17}{3}$ has 5 whole and a two-third portion in total.

4) Fill in the blanks.

a) $\frac{17}{11} = \square \frac{6}{11}$
 b) $\frac{14}{4} = 3 \frac{\square}{4}$

5) Convert the given improper fraction to a mixed number and shade the figure accordingly.



$$\frac{11}{6} =$$

6) Convert the following improper fraction to mixed fraction and represent the answer on a number line.

$$\frac{5}{3}$$



7) Which of the following mixed numbers is equal to the improper fraction $\frac{27}{8}$.

a) $3\frac{3}{4}$

b) $3\frac{1}{8}$

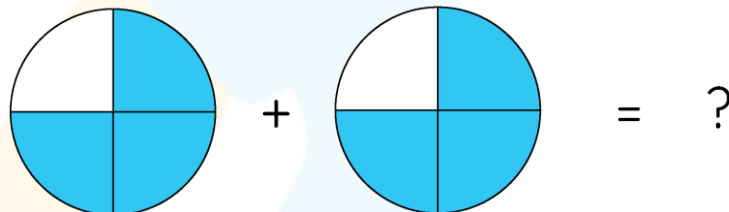
c) $3\frac{3}{8}$

d) None of the above

8) Add the following improper fractions and express the result as a mixed fraction.

$$\frac{26}{5} + \frac{2}{5}$$

9) Solve the expression indicated in the following figure and find the resultant mixed fraction.



10) Find a mixed fraction between $\frac{25}{11}$ and $\frac{27}{11}$.

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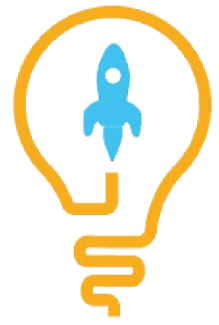
- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."


- Barbara Cabrera

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ANSWERS

| | |
|-----|---|
| 1) | a) $4\frac{1}{4}$ b) $10\frac{1}{2}$ |
| 2) | $2\frac{2}{5}$ |
| 3) | True |
| 4) | a) 1 b) 2 |
| 5) | $1\frac{5}{6}$ |
| 6) | $1\frac{2}{3}$  |
| 7) | c) |
| 8) | $5\frac{3}{5}$ |
| 9) | $1\frac{1}{2}$ |
| 10) | $2\frac{4}{11}$ |

FUN FACT

1. A mixed fraction is the sum of a whole number and a proper fraction.
2. An improper fraction has numerator greater than or equal to the denominator.
3. The word fraction originated from the Latin word "fractio" that means "to break".

