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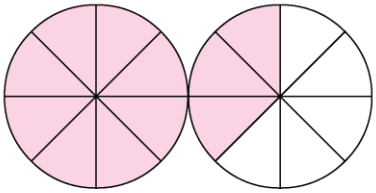
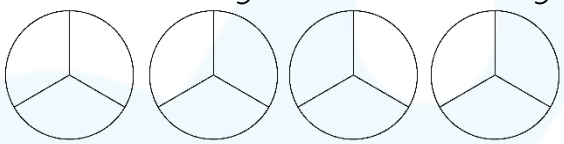
IMPROPER FRACTION TO MIXED NUMBER WORKSHEET-I

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



$\frac{11}{8}$ =

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



$\frac{10}{3}$ =

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

a) $\frac{23}{7}$

b) $\frac{19}{5}$

4) Fill in the blanks.

a) $\frac{7}{2} = \square\frac{1}{2}$

b) $\frac{14}{4} = 3\frac{\square}{4}$

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

$\frac{19}{10}$

6) Which of the following mixed numbers is equal to the improper fraction $\frac{17}{4}$.

a) $4\frac{2}{4}$

b) $4\frac{1}{4}$

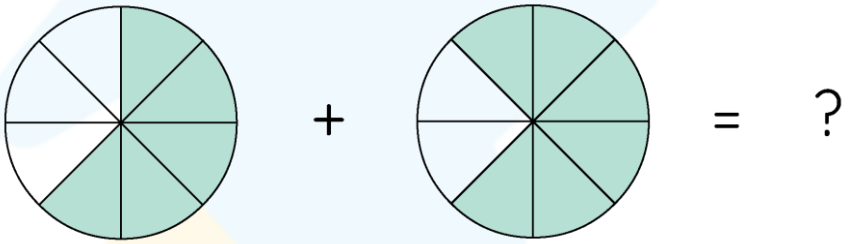
c) $4\frac{3}{4}$

d) None of the above

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

$\frac{13}{4} + \frac{12}{4}$

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



9) Compare the following fractions by converting into their equivalent mixed numbers.

$\frac{29}{7}, \frac{17}{5}, \frac{5}{2}$

10) Find a mixed fraction between $\frac{21}{5}$ and $\frac{23}{5}$.

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- Barbara Cabrera

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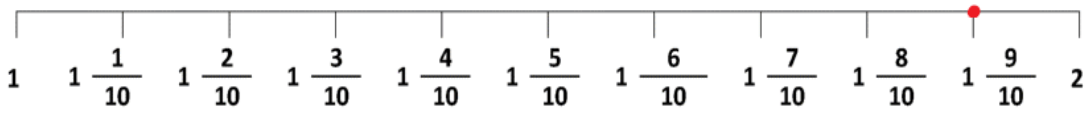
ANSWERS

1)	$1\frac{3}{8}$
2)	$3\frac{1}{3}$
3)	a) $3\frac{2}{7}$ b) $3\frac{4}{5}$
4)	a) 3 b) 2
5)	$1\frac{9}{10}$ 
6)	b)
7)	$\frac{25}{4} = 6\frac{1}{4}$
8)	$1\frac{3}{8}$
9)	$2\frac{1}{2} < 3\frac{2}{5} < 4\frac{1}{7}$
10)	$4\frac{2}{5}$

FUN FACT

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