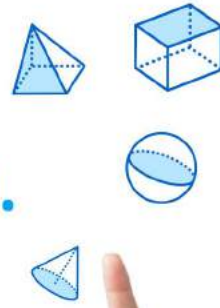


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## IMPROPER FRACTION TO MIXED NUMBER WORKSHEET-IV

1) Match the columns.

Improper Fraction	Mixed Number
1. $\frac{16}{7}$	a. $3\frac{3}{7}$
2. $\frac{36}{7}$	b. $2\frac{2}{7}$
3. $\frac{24}{7}$	c. $5\frac{1}{7}$

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

a)  $\frac{47}{6}$

b)  $\frac{29}{9}$

3) Which of the following mixed numbers is equal to the improper fraction  $\frac{94}{9}$ .

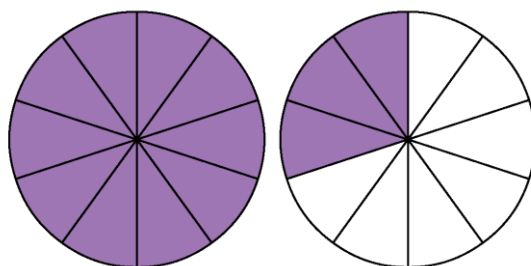
a)  $10\frac{4}{9}$

b)  $9\frac{4}{9}$

c)  $10\frac{2}{3}$

d) None of the above

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



$$\frac{13}{10} =$$

5) State whether true or false.

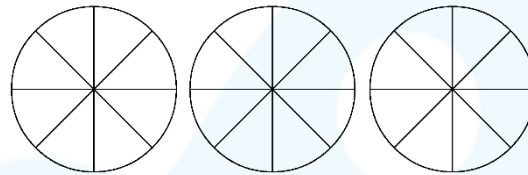
The improper fraction  $\frac{87}{9}$  has 9 whole and a two-third portion in total.

6) Fill in the blanks.

a)  $\frac{75}{12} = \square \frac{3}{12}$

b)  $\frac{53}{13} = 4 \frac{\square}{13}$

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



$$\frac{19}{10} =$$

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

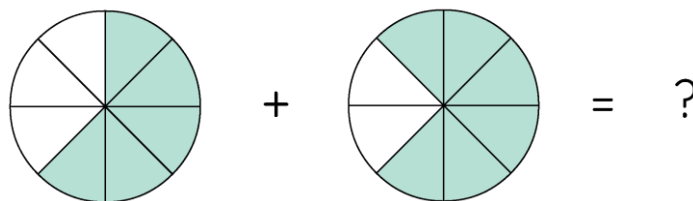
$$\frac{9}{6}$$



9) Add the following fractions.

$$3\frac{3}{11} + 3\frac{8}{11}$$

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



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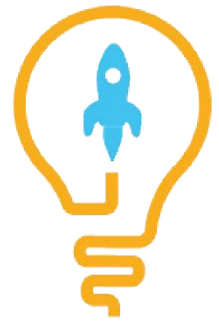
- Kirk Riley

"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."

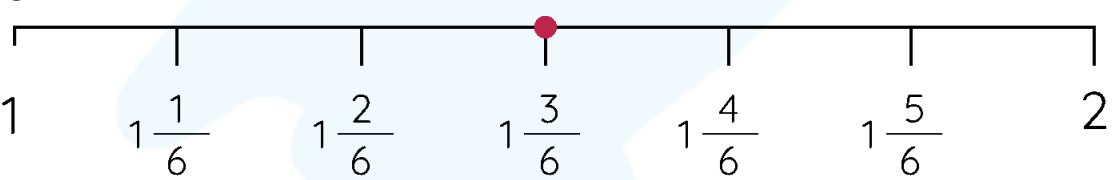
- Barbara Cabrera

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**ANSWERS**

1)	1--b; 2--c; 3--a
2)	a) $7\frac{5}{6}$ b) $3\frac{2}{9}$
3)	a)
4)	$1\frac{3}{10}$
5)	True
6)	a) 6 b) 1
7)	$2\frac{3}{8}$
8)	$1\frac{3}{6}$ 
9)	77
10)	$1\frac{3}{8}$

## 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. A mixed number can be written as an improper fraction and vice versa.

