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CONVERTING MIXED NUMBER TO IMPROPER FRACTIONS WORKSHEET-III

1) Convert the following mixed numbers to improper fractions.

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

b) $10\frac{1}{2}$

2) Find the mixed fraction indicated in the given figure represent the result as an improper fraction.



3) State whether true or false.

The improper fraction $\frac{19}{3}$ has 6 whole and a one-third portion in total.

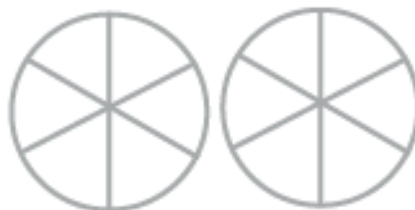
4) Fill in the blanks.

a) $1\frac{6}{11} = \frac{\boxed{}}{11}$

b) $3\frac{2}{4} = \frac{\boxed{}}{4}$

5) Pick your favorite color and shade the given figure to represent the mixed number $1\frac{5}{6}$.

Represent this mixed number as an improper fraction.



6) Match the columns

Mixed Number	Improper Fraction
1. $1\frac{1}{3}$	a. $\frac{8}{3}$
2. $2\frac{1}{3}$	b. $\frac{4}{3}$
3. $2\frac{2}{3}$	c. $\frac{7}{3}$

7) Which of the following improper fractions is equal to the mixed number $3\frac{3}{8}$.

a) $\frac{27}{8}$

b) $\frac{26}{8}$

c) $\frac{28}{8}$

d) None of the above

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

$$5\frac{1}{5} + \frac{2}{5}$$

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



10) Find an improper fraction between $2\frac{3}{11}$ and $2\frac{5}{11}$.

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- Gary Schwartz

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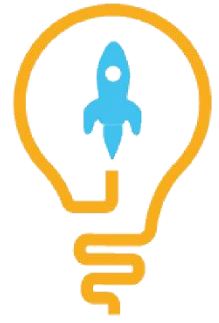
- Kirk Riley

"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) $\frac{17}{4}$ b) $\frac{21}{2}$
2)	$\frac{12}{5}$
3)	True
4)	a) 17 b) 14
5)	$\frac{11}{6}$
6)	1--b; 2--c; 3--a
7)	a)
8)	$\frac{28}{5}$
9)	$\frac{3}{2}$
10)	$\frac{26}{11}$

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".

