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Adding Fractions With Different Denominators Worksheets

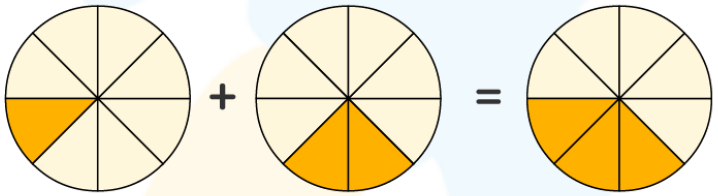
1) Find the sum of the fractions: $\frac{17}{8}$, $8\frac{4}{5}$, 3

2) Simplify: $\frac{8}{6} + \frac{17}{9} + \frac{7}{3}$

3) Find out which of the following fractions will be best suited for the given question mark: $? + 1 = \frac{12}{8}$

a) $\frac{3}{8}$
b) $\frac{4}{8}$
c) $\frac{3}{4}$
d) $\frac{1}{8}$

4) Evaluate the fractional equation indicated by the dark shaded region in the following representation.



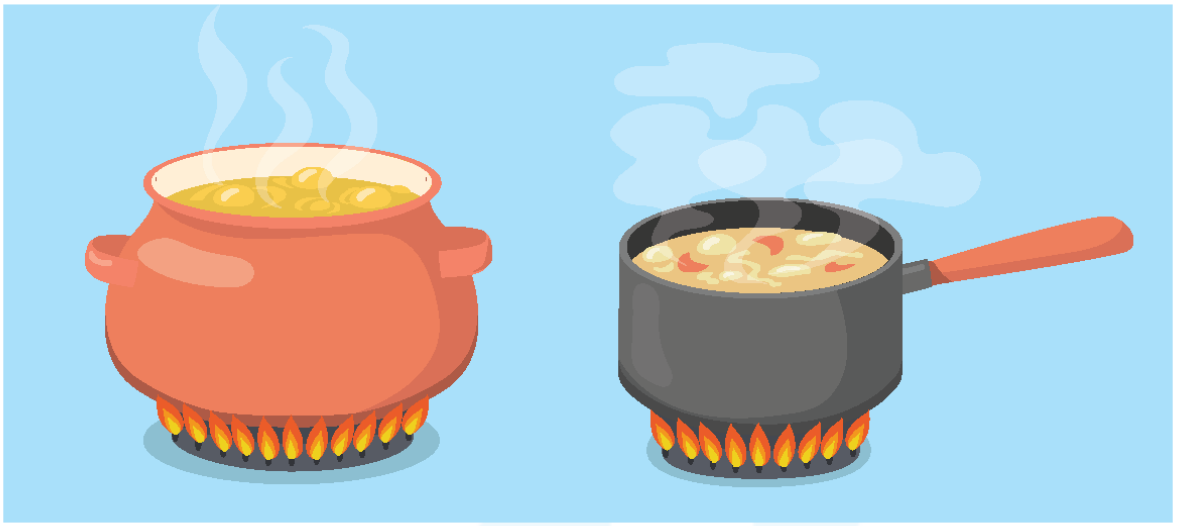
5) The addition of the two fractions $\frac{7}{13}$ and $\frac{12}{26}$ is a whole number. The given statement is _____.
a) True
b) False

6) Fill the appropriate number in the box of the equation: $\frac{9}{8} + \frac{\square}{4} = \frac{15}{8}$

7) Solve for y: $y - \frac{8}{15} = \frac{37}{30}$

8) Find the missing term: $21\frac{2}{3} + 6 = 5\frac{2}{7} + ?$

9) Chef served $\frac{31}{12}$ pots of chicken soup and $\frac{13}{6}$ pots of vegetable soup during lunch time. How many pots were served in all?



10) Which is greater? $\frac{9}{5} + \frac{4}{7}$ OR $\frac{3}{2} - \frac{6}{11}$

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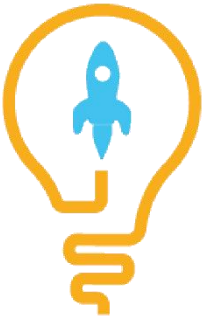

ANSWERS

1)	$13\frac{37}{40}$
2)	$\frac{100}{18}$
3)	b) $\frac{4}{8}$
4)	$\frac{1}{8}+\frac{2}{8}=\frac{3}{8}$
5)	a) True
6)	3
7)	$\frac{53}{30}$
8)	$22\frac{8}{21}$
9)	$\frac{57}{12}$
10)	$\frac{9}{5}+\frac{4}{7}$

FUN FACT

1. The fraction whose numerator is smaller than the denominator is known as proper fraction.

2. Indians wrote the fractions with one number above another (numerator and denominator), but without a line.

3. The word fraction is derived from the Latin word "fractio", which means "to break".