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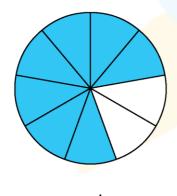
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# Adding Fractions With Different Denominators Worksheets

- 1) Fill the appropriate number in the box of the equation:  $\frac{11}{8} + \frac{3}{4} = \frac{11}{8}$
- 2) If the fraction  $\frac{4}{9}$  is added to the fraction  $\frac{1}{3}$ , what would be the final outcome?
- 3) Find out which of the following fractions will be best suited for the given question mark:  $\frac{4}{8} + ? = \frac{12}{8}$ 
  - a)  $\frac{3}{8}$
  - b) 1
  - c)  $\frac{3}{4}$  d)  $\frac{1}{2}$
- 4) Find the value if the fraction I is added in the fraction 11.





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- 5) Find the value of:  $\frac{45}{21} + \frac{15}{7}$
- 6) Which of the following fractional equation given below are correct?

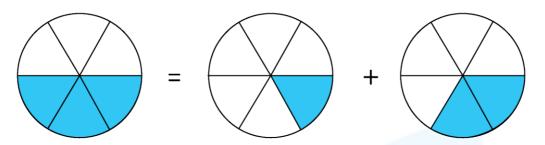
a) 
$$\frac{9}{5} + \frac{5}{3} = -\frac{2}{15}$$
  
b)  $\frac{15}{6} + \frac{7}{3} = \frac{29}{6}$ 

b) 
$$\frac{15}{6} + \frac{7}{3} = \frac{29}{6}$$

c) 
$$\frac{25}{14} + \frac{15}{7} = -\frac{5}{7}$$



- 7) Simplify the expression;  $\frac{23}{18} + \frac{2}{6} + \frac{1}{9}$
- 8) Write the following diagrammatic equation in the fractional form.



- 9) The addition of the two fractions  $\frac{4}{10}$  and  $\frac{3}{5}$  is a whole number. The given statement is \_\_\_\_\_.
  - a) True
  - b) False
- 10) Find the value obtained when the fraction  $\frac{17}{8}$  is added to

the fraction  $\frac{25}{12}$ 



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She is extremely patient and generous with Miranda."

- Gary Schwartz

- Kirk Riley

- Barbara Cabrera

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1)	17
2)	7
	$\overline{9}$
3) 4)	b) 1
4)	119
	72
5)	90
	$\overline{21}$
6)	b)
7)	1
	9
8)	3 1 2
	$\frac{1}{6} = \frac{1}{6} + \frac{1}{6}$
9)	a) True
10)	101
	24



# **FUN FACT**

- 1. The fraction whose numerator is smaller than the denominator is known as proper fraction.
- 2. The LCM of denominators is needed to add or subtract two fractions of different denominators.
- 3. Adding or subtracting fractions is similar to adding or subtracting the whole numbers when you have the common denominators.

