

Fractions in Real World (Addition and Subtraction)

Exit Quiz

Math 5

Part A: Find the value of the unknown symbols below.

1. $\frac{2}{3} + \text{☁} = \frac{11}{12}$. Find the value of ☁.

2. $2\frac{6}{7} - \text{♥} = 1\frac{1}{14}$. Find the value of ♥.

3. $\frac{3}{4} + 4\frac{1}{8} - \text{☾} = 2\frac{1}{16}$. Find the value of ☾.

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Part B: Answer the problem given below by applying what you've learned in adding and subtracting fractions.

1. Meliton needs to produce $10\frac{2}{3}$ dozens of cupcakes for a party contract he earned. His assistant has already baked $2\frac{1}{6}$ dozens in the morning and then some after lunch. Meliton still needs to bake $3\frac{1}{6}$ dozens more this afternoon. How many dozens of cupcakes was his assistant able to complete?

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Part A: Find the value of the unknown symbols below.

1. $\frac{2}{3} + \text{cloud} = \frac{11}{12}$. Find the value of cloud.

$$\text{cloud} = \frac{11}{12} + \frac{2}{3}$$

$$\text{cloud} = \frac{11}{12} + \frac{8}{12}$$

$$\text{cloud} = \frac{19}{12} = 1\frac{7}{12}$$

2. $2\frac{6}{7} - \text{heart} = 1\frac{1}{14}$. Find the value of heart.

$$\text{heart} = 2\frac{6}{7} - 1\frac{1}{14}$$

$$\text{heart} = 2\frac{12}{14} - 1\frac{1}{14}$$

$$\text{heart} = 1\frac{11}{14}$$

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3. $\frac{3}{4} + 4\frac{1}{8} - \text{ ()} = 2\frac{1}{16}$. Find the value of ().

$$4\frac{7}{8} - \text{ ()} = 2\frac{1}{16}$$

$$\text{ ()} = 4\frac{7}{8} - 2\frac{1}{16}$$

$$\text{ ()} = 4\frac{7}{8} - 2\frac{2}{16}$$

$$\text{ ()} = 2\frac{12}{16} = 2\frac{3}{4}$$

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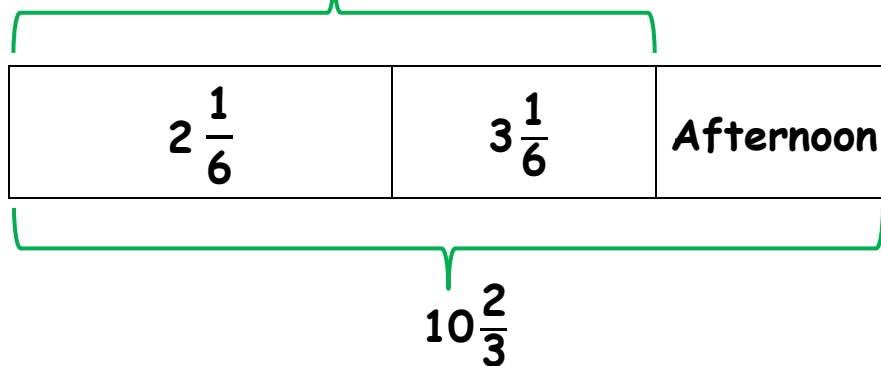
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Math 5

Part B: Answer the problem given below by applying what you've learned in adding and subtracting fractions.

1. Meliton needs to produce $10\frac{2}{3}$ dozens of cupcakes for a party contract he earned. His assistant has already baked $2\frac{1}{6}$ dozens in the morning and then some after lunch. Meliton still needs to bake $3\frac{1}{6}$ dozens more this afternoon. How many dozens of cupcakes was his assistant able to bake after lunch?

$$2\frac{1}{6} + 3\frac{1}{6} = 5\frac{1}{3} \text{ dozens}$$



Subtract $10\frac{2}{3}$ and $5\frac{1}{3}$.

$$\begin{array}{r} 10\frac{2}{3} \\ - 5\frac{1}{3} \\ \hline = 5\frac{1}{3} \end{array}$$



Meliton's assistant baked $5\frac{1}{3}$ dozens after lunch.