Adding & Subtracting Fractions

Name:

Solve each problem.

1) Tom spent $4\frac{2}{8}$ hours working on his reading and math homework. If he spent $2\frac{7}{9}$ hours on his reading homework, how much time did he spend on his math homework?

2) Over the weekend Rachel spent $3\frac{4}{7}$ hours total studying. If she spent $2\frac{2}{3}$ hours studying on Saturday, how long did she study on Sunday?

3) An empty bulldozer weighed $7\frac{1}{8}$ tons. If it scooped up $2\frac{1}{2}$ tons of dirt, what would be the combined weight of the bulldozer and dirt?

4) A coach filled up a cooler with water until it weighed $4\frac{5}{10}$ pounds. After the game the cooler weighed $2\frac{3}{5}$ pounds. How many pounds lighter was the cooler after the game?

5) In December it snowed $6\frac{6}{9}$ inches. In January it snowed $6\frac{2}{3}$ inches. What is the combined amount of snow for December and January?

6) Amy had $6\frac{1}{2}$ cups of flour. If she used $5\frac{1}{4}$ cups baking, how much flour did she have left?

7) On Monday Edward spent $6\frac{1}{4}$ hours studying. On Tuesday he spent another $5\frac{2}{9}$ hours studying. What is the combined time he spent studying?

8) On Monday Janet spent $5\frac{6}{10}$ hours studying. On Tuesday she spent another $5\frac{1}{4}$ hours studying. What is the combined length of time she spent studying?

9) A chef bought $5\frac{1}{9}$ pounds of carrots. If he later bought another $6\frac{2}{3}$ pounds of carrots, what is the total weight of carrots he bought?

10) Oliver drew a line that was $9\frac{4}{8}$ inches long. If he drew a second line that was $6\frac{5}{6}$ inches long, what is the difference between the length of the two lines?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

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9) A chef bought $5\frac{1}{9}$ pounds of carrots. If he later bought another $6\frac{2}{3}$ pounds of carrots, what is the total weight of carrots he bought?

10) Oliver drew a line that was $9\frac{4}{8}$ inches long. If he drew a second line that was $6\frac{5}{6}$ inches long, what is the difference between the length of the two lines?

Answers

1. $\frac{106}{72} = \frac{53}{36}$
2. $\frac{19}{21} = \frac{19}{21}$
3. $\frac{77}{8} = \frac{77}{8}$
4. $\frac{19}{10} = \frac{19}{10}$
5. $\frac{120}{9} = \frac{40}{3}$
6. $\frac{5}{4} = \frac{5}{4}$
7. $\frac{413}{36} = \frac{413}{36}$
8. $\frac{217}{20} = \frac{217}{20}$
9. $\frac{106}{9} = \frac{106}{9}$
10. $\frac{64}{24} = \frac{8}{3}$

1-10	90	80	70	60	50	40	30	20	10	0

Adding & Subtracting Fractions

Name:

Solve each problem.

$\frac{106}{72} = \frac{53}{36}$ $\frac{120}{9} = \frac{40}{3}$ $\frac{19}{10} = \frac{19}{10}$ $\frac{19}{21} = \frac{19}{21}$ $\frac{106}{9} = \frac{106}{9}$

$\frac{77}{8} = \frac{77}{8}$ $\frac{64}{24} = \frac{8}{3}$ $\frac{217}{20} = \frac{217}{20}$ $\frac{413}{36} = \frac{413}{36}$ $\frac{5}{4} = \frac{5}{4}$

1) Tom spent $4\frac{2}{8}$ hours working on his reading and math homework. If he spent $2\frac{7}{9}$ hours on his reading homework, how much time did he spend on his math homework?
(LCM = 72)

2) Over the weekend Rachel spent $3\frac{4}{7}$ hours total studying. If she spent $2\frac{2}{3}$ hours studying on Saturday, how long did she study on Sunday?
(LCM = 21)

3) An empty bulldozer weighed $7\frac{1}{8}$ tons. If it scooped up $2\frac{1}{2}$ tons of dirt, what would be the combined weight of the bulldozer and dirt?
(LCM = 8)

4) A coach filled up a cooler with water until it weighed $4\frac{5}{10}$ pounds. After the game the cooler weighed $2\frac{3}{5}$ pounds. How many pounds lighter was the cooler after the game?
(LCM = 10)

5) In December it snowed $6\frac{6}{9}$ inches. In January it snowed $6\frac{2}{3}$ inches. What is the combined amount of snow for December and January?
(LCM = 9)

6) Amy had $6\frac{1}{2}$ cups of flour. If she used $5\frac{1}{4}$ cups baking, how much flour did she have left?
(LCM = 4)

7) On Monday Edward spent $6\frac{1}{4}$ hours studying. On Tuesday he spent another $5\frac{2}{9}$ hours studying. What is the combined time he spent studying?
(LCM = 36)

8) On Monday Janet spent $5\frac{6}{10}$ hours studying. On Tuesday she spent another $5\frac{1}{4}$ hours studying. What is the combined length of time she spent studying?
(LCM = 20)

9) A chef bought $5\frac{1}{9}$ pounds of carrots. If he later bought another $6\frac{2}{3}$ pounds of carrots, what is the total weight of carrots he bought?
(LCM = 9)

10) Oliver drew a line that was $9\frac{4}{8}$ inches long. If he drew a second line that was $6\frac{5}{6}$ inches long, what is the difference between the length of the two lines?
(LCM = 24)

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0