Adding & Subtracting Fractions

Name:

Solve each problem.

1) Cody bought a box of fruit that weighed $4\frac{1}{3}$ kilograms. If he gave away $2\frac{1}{6}$ kilograms of fruit to his friends, how many kilograms does he have left?

2) A recipe called for using $9\frac{2}{4}$ cups of flour before baking and another $3\frac{2}{10}$ cups after baking. What is the total amount of flour needed in the recipe?

3) Over the weekend Bianca spent $3\frac{5}{7}$ hours total studying. If she spent $2\frac{2}{3}$ hours studying on Saturday, how long did she study on Sunday?

4) Henry drew a line that was $7\frac{3}{7}$ inches long. If he drew a second line that was $3\frac{1}{5}$ inches long, what is the difference between the length of the two lines?

5) A large box of nails weighed $9\frac{1}{9}$ ounces. A small box of nails weighed $3\frac{4}{5}$ ounces. What is the difference in weight between the two boxes?

6) Maria's new puppy weighed $6\frac{1}{2}$ pounds. After a month it had gained $3\frac{3}{4}$ pounds. What is the weight of the puppy after a month?

7) A restaurant had $9\frac{2}{4}$ gallons of soup at the start of the day. By the end of the day they had $8\frac{2}{3}$ gallons left. How many gallons of soup did they use during the day?

8) An architect built a road $8\frac{7}{9}$ miles long. The next road he built was $9\frac{2}{5}$ miles long. What is the combined length of the two roads?

9) A regular size chocolate bar was $9\frac{3}{5}$ inches long. If the king size bar was $4\frac{2}{10}$ inches longer, what is the length of the king size bar?

10) On Monday Roger spent $7\frac{1}{5}$ hours studying. On Tuesday he spent another $4\frac{1}{8}$ hours studying. What is the combined time he spent studying?

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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10) On Monday Roger spent $7\frac{1}{5}$ hours studying. On Tuesday he spent another $4\frac{1}{8}$ hours studying. What is the combined time he spent studying?

Answers

1. $\frac{13}{6} = \frac{13}{6}$
2. $\frac{254}{20} = \frac{127}{10}$
3. $\frac{22}{21} = \frac{22}{21}$
4. $\frac{148}{35} = \frac{148}{35}$
5. $\frac{239}{45} = \frac{239}{45}$
6. $\frac{41}{4} = \frac{41}{4}$
7. $\frac{10}{12} = \frac{5}{6}$
8. $\frac{818}{45} = \frac{818}{45}$
9. $\frac{138}{10} = \frac{69}{5}$
10. $\frac{453}{40} = \frac{453}{40}$

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

Adding & Subtracting Fractions

Name:

Solve each problem.

$13/6 = 13/6$ $148/35 = 148/35$ $453/40 = 453/40$ $254/20 = 127/10$ $818/45 = 818/45$

$41/4 = 41/4$ $22/21 = 22/21$ $239/45 = 239/45$ $10/12 = 5/6$ $138/10 = 69/5$

1) Cody bought a box of fruit that weighed $4\frac{1}{3}$ kilograms. If he gave away $2\frac{1}{6}$ kilograms of fruit to his friends, how many kilograms does he have left?
(LCM = 6)

2) A recipe called for using $9\frac{2}{4}$ cups of flour before baking and another $3\frac{2}{10}$ cups after baking. What is the total amount of flour needed in the recipe?
(LCM = 20)

3) Over the weekend Bianca spent $3\frac{5}{7}$ hours total studying. If she spent $2\frac{2}{3}$ hours studying on Saturday, how long did she study on Sunday?
(LCM = 21)

4) Henry drew a line that was $7\frac{3}{7}$ inches long. If he drew a second line that was $3\frac{1}{5}$ inches long, what is the difference between the length of the two lines?
(LCM = 35)

5) A large box of nails weighed $9\frac{1}{9}$ ounces. A small box of nails weighed $3\frac{4}{5}$ ounces. What is the difference in weight between the two boxes?
(LCM = 45)

6) Maria's new puppy weighed $6\frac{1}{2}$ pounds. After a month it had gained $3\frac{3}{4}$ pounds. What is the weight of the puppy after a month?
(LCM = 4)

7) A restaurant had $9\frac{2}{4}$ gallons of soup at the start of the day. By the end of the day they had $8\frac{2}{3}$ gallons left. How many gallons of soup did they use during the day?
(LCM = 12)

8) An architect built a road $8\frac{7}{9}$ miles long. The next road he built was $9\frac{2}{5}$ miles long. What is the combined length of the two roads?
(LCM = 45)

9) A regular size chocolate bar was $9\frac{3}{5}$ inches long. If the king size bar was $4\frac{2}{10}$ inches longer, what is the length of the king size bar?
(LCM = 10)

10) On Monday Roger spent $7\frac{1}{5}$ hours studying. On Tuesday he spent another $4\frac{1}{8}$ hours studying. What is the combined time he spent studying?
(LCM = 40)

Answers

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

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