Adding & Subtracting Fractions

Name:

Solve each problem. Write the answer as an improper fraction (if possible).

1) A recipe called for using $5\frac{3}{5}$ cups of flour before baking and another $10\frac{2}{8}$ cups after baking. What is the total amount of flour needed in the recipe?

2) Mike bought a box of fruit that weighed $4\frac{1}{3}$ kilograms. If he gave away $3\frac{7}{8}$ kilograms of fruit to his friends, how many kilograms does he have left?

3) During a blizzard it snowed $13\frac{2}{3}$ inches. After a week the sun had melted $9\frac{4}{5}$ inches of snow. How many inches of snow is left?

4) Rachel's new puppy weighed $8\frac{1}{2}$ pounds. After a month it had gained $10\frac{3}{4}$ pounds. What is the weight of the puppy after a month?

5) A full garbage truck weighed $7\frac{4}{6}$ tons. After dumping the garbage, the truck weighed $6\frac{8}{9}$ tons. What was the weight of the garbage?

6) Bianca's class recycled $5\frac{3}{4}$ boxes of paper in a month. If they recycled another $3\frac{1}{2}$ boxes the next month was is the total amount they recycled?

7) Adam spent $3\frac{2}{6}$ hours working on his math homework. If he spent another $4\frac{1}{3}$ hours on his reading homework, what is the total time he spent on homework?

8) Katie had planned to walk $4\frac{4}{10}$ miles on Wednesday. If she walked $3\frac{1}{5}$ miles in the morning, how far would she need to walk in the afternoon?

9) On Monday Lana spent $5\frac{7}{8}$ hours studying. On Tuesday she spent another $5\frac{3}{6}$ hours studying. What is the combined length of time she spent studying?

10) Jerry jogged $3\frac{2}{4}$ kilometers on Monday and $2\frac{2}{8}$ kilometers on Tuesday. What is the difference between these two distances?

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) Jerry jogged $3\frac{2}{4}$ kilometers on Monday and $2\frac{2}{8}$ kilometers on Tuesday. What is the difference between these two distances?

Answers

1. $\frac{634}{40}$
2. $\frac{11}{24}$
3. $\frac{58}{15}$
4. $\frac{77}{4}$
5. $\frac{14}{18}$
6. $\frac{37}{4}$
7. $\frac{46}{6}$
8. $\frac{12}{10}$
9. $\frac{273}{24}$
10. $\frac{10}{8}$

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

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Solve each problem. Write the answer as an improper fraction (if possible).

$\frac{634}{40}$	$\frac{46}{6}$	$\frac{77}{4}$	$\frac{11}{24}$	$\frac{58}{15}$
$\frac{10}{8}$	$\frac{273}{24}$	$\frac{12}{10}$	$\frac{37}{4}$	$\frac{14}{18}$

1) A recipe called for using $5\frac{3}{5}$ cups of flour before baking and another $10\frac{2}{8}$ cups after baking. What is the total amount of flour needed in the recipe?
(LCM = 40)

2) Mike bought a box of fruit that weighed $4\frac{1}{3}$ kilograms. If he gave away $3\frac{7}{8}$ kilograms of fruit to his friends, how many kilograms does he have left?
(LCM = 24)

3) During a blizzard it snowed $13\frac{2}{3}$ inches. After a week the sun had melted $9\frac{4}{5}$ inches of snow. How many inches of snow is left?
(LCM = 15)

4) Rachel's new puppy weighed $8\frac{1}{2}$ pounds. After a month it had gained $10\frac{3}{4}$ pounds. What is the weight of the puppy after a month?
(LCM = 4)

5) A full garbage truck weighed $7\frac{4}{6}$ tons. After dumping the garbage, the truck weighed $6\frac{8}{9}$ tons. What was the weight of the garbage?
(LCM = 18)

6) Bianca's class recycled $5\frac{3}{4}$ boxes of paper in a month. If they recycled another $3\frac{1}{2}$ boxes the next month was is the total amount they recycled?
(LCM = 4)

7) Adam spent $3\frac{2}{6}$ hours working on his math homework. If he spent another $4\frac{1}{3}$ hours on his reading homework, what is the total time he spent on homework?
(LCM = 6)

8) Katie had planned to walk $4\frac{4}{10}$ miles on Wednesday. If she walked $3\frac{1}{5}$ miles in the morning, how far would she need to walk in the afternoon?
(LCM = 10)

9) On Monday Lana spent $5\frac{7}{8}$ hours studying. On Tuesday she spent another $5\frac{3}{6}$ hours studying. What is the combined length of time she spent studying?
(LCM = 24)

10) Jerry jogged $3\frac{2}{4}$ kilometers on Monday and $2\frac{2}{8}$ kilometers on Tuesday. What is the difference between these two distances?
(LCM = 8)

Answers

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

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