Adding & Subtracting Fractions

Name: _____

Solve each problem. Reduce if possible.

1) In December it snowed $5\frac{1}{8}$ inches. In January it snowed $3\frac{3}{4}$ inches. What is the combined amount of snow for December and January?

2) Amy walked $3\frac{3}{10}$ miles in the morning and another $2\frac{3}{6}$ miles in the afternoon. What was the total distance she walked?

3) A regular size chocolate bar was $4\frac{2}{9}$ inches long. If the king size bar was $5\frac{1}{2}$ inches longer, what is the length of the king size bar?

4) A chef bought $3\frac{1}{7}$ pounds of carrots. If he later bought another $8\frac{2}{10}$ pounds of carrots, what is the total weight of carrots he bought?

5) An architect built a road $6\frac{3}{7}$ miles long. The next road he built was $9\frac{1}{2}$ miles long. What is the combined length of the two roads?

6) While exercising Victor jogged $9\frac{1}{2}$ kilometers and walked $2\frac{2}{8}$ kilometers. What is the total distance he traveled?

7) A small box of nails was $10\frac{1}{2}$ inches tall. If the large box of nails was $7\frac{2}{5}$ inches taller, how tall is the large box of nails?

8) Olivia's new puppy weighed $6\frac{3}{4}$ pounds. After a month it had gained $5\frac{5}{10}$ pounds. What is the weight of the puppy after a month?

9) Paul spent $2\frac{1}{2}$ hours working on his math homework. If he spent another $2\frac{7}{8}$ hours on his reading homework, what is the total time he spent on homework?

10) A recipe called for using $7\frac{7}{10}$ cups of flour before baking and another $5\frac{4}{5}$ cups after baking. What is the total amount of flour needed in the recipe?

Answers

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

Solve each problem. Reduce if possible.

1) In December it snowed $5\,^1/_8$ inches. In January it snowed $3\,^3/_4$ inches. What is the combined amount of snow for December and January?

2) Amy walked $3\,^3/_{10}$ miles in the morning and another $2\,^3/_6$ miles in the afternoon. What was the total distance she walked?

3) A regular size chocolate bar was $4\,^2/_9$ inches long. If the king size bar was $5\,^1/_2$ inches longer, what is the length of the king size bar?

4) A chef bought $3\,^1/_7$ pounds of carrots. If he later bought another $8\,^2/_{10}$ pounds of carrots, what is the total weight of carrots he bought?

5) An architect built a road $6\,^3/_7$ miles long. The next road he built was $9\,^1/_2$ miles long. What is the combined length of the two roads?

6) While exercising Victor jogged $9\,^1/_2$ kilometers and walked $2\,^2/_8$ kilometers. What is the total distance he traveled?

7) A small box of nails was $10\,^1/_2$ inches tall. If the large box of nails was $7\,^2/_5$ inches taller, how tall is the large box of nails?

8) Olivia's new puppy weighed $6\,^3/_4$ pounds. After a month it had gained $5\,^5/_{10}$ pounds. What is the weight of the puppy after a month?

9) Paul spent $2\,^1/_2$ hours working on his math homework. If he spent another $2\,^7/_8$ hours on his reading homework, what is the total time he spent on homework?

10) A recipe called for using $7\,^7/_{10}$ cups of flour before baking and another $5\,^4/_5$ cups after baking. What is the total amount of flour needed in the recipe?

Answers

1. $\dfrac{71}{8}$

2. $\dfrac{174}{30}$

3. $\dfrac{175}{18}$

4. $\dfrac{794}{70}$

5. $\dfrac{223}{14}$

6. $\dfrac{94}{8}$

7. $\dfrac{179}{10}$

8. $\dfrac{245}{20}$

9. $\dfrac{43}{8}$

10. $\dfrac{135}{10}$

Adding & Subtracting Fractions

Name:

Solve each problem. Reduce if possible.

$\dfrac{794}{70}$	$\dfrac{179}{10}$	$\dfrac{174}{30}$	$\dfrac{94}{8}$
$\dfrac{71}{8}$	$\dfrac{223}{14}$	$\dfrac{175}{18}$	

1. _____

2. _____

1) In December it snowed $5\,^1/_8$ inches. In January it snowed $3\,^3/_4$ inches. What is the combined amount of snow for December and January?
(LCM = 8)

3. _____

4. _____

5. _____

2) Amy walked $3\,^3/_{10}$ miles in the morning and another $2\,^3/_6$ miles in the afternoon. What was the total distance she walked?
(LCM = 30)

6. _____

7. _____

3) A regular size chocolate bar was $4\,^2/_9$ inches long. If the king size bar was $5\,^1/_2$ inches longer, what is the length of the king size bar?
(LCM = 18)

8. _____

9. _____

10. _____

4) A chef bought $3\,^1/_7$ pounds of carrots. If he later bought another $8\,^2/_{10}$ pounds of carrots, what is the total weight of carrots he bought?
(LCM = 70)

5) An architect built a road $6\,^3/_7$ miles long. The next road he built was $9\,^1/_2$ miles long. What is the combined length of the two roads?
(LCM = 14)

6) While exercising Victor jogged $9\,^1/_2$ kilometers and walked $2\,^2/_8$ kilometers. What is the total distance he traveled?
(LCM = 8)

7) A small box of nails was $10\,^1/_2$ inches tall. If the large box of nails was $7\,^2/_5$ inches taller, how tall is the large box of nails?
(LCM = 10)