Adding & Subtracting Fractions

Name:

Solve each problem. Write the answer as a mixed number fraction (if possible). Reduce if possible.

1) Maria bought a bamboo plant that was $10\ ^{1}/_{5}$ feet high. When she got it home she cut $7\ ^{2}/_{5}$ feet off of it. How tall was the plant after she cut it down?

2) In December it snowed $7\ ^{1}/_{7}$ inches. In January it snowed $2\ ^{6}/_{7}$ inches. What is the combined amount of snow for December and January?

3) A coach filled up a cooler with water until it weighed $17\ ^{1}/_{2}$ pounds. After the game the cooler weighed $5\ ^{1}/_{2}$ pounds. How many pounds lighter was the cooler after the game?

4) A recipe called for using $5\ ^{3}/_{6}$ cups of flour before baking and another $3\ ^{5}/_{6}$ cups after baking. What is the total amount of flour needed in the recipe?

5) A restaurant had $20\ ^{1}/_{5}$ gallons of soup at the start of the day. By the end of the day they had $16\ ^{4}/_{5}$ gallons left. How many gallons of soup did they use during the day?

6) A chef bought $4\ ^{2}/_{4}$ pounds of carrots. If he later bought another $5\ ^{1}/_{4}$ pounds of carrots, what is the total weight of carrots he bought?

7) For Halloween, Amy received $8\ ^{1}/_{2}$ pounds of candy. After a week her family had eaten $5\ ^{1}/_{2}$ pounds. How many pounds of candy does she have left?

8) At the beach, Luke built a sandcastle that was $4\ ^{1}/_{2}$ feet high. If he added a flag that was $2\ ^{1}/_{2}$ feet high, what is the total height of his creation?

9) During a blizzard it snowed $7\ ^{9}/_{10}$ inches. After a week the sun had melted $3\ ^{8}/_{10}$ inches of snow. How many inches of snow is left?

10) While exercising Cody jogged $7\ ^{4}/_{6}$ kilometers and walked $8\ ^{1}/_{6}$ kilometers. What is the total distance he traveled?

Answers

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

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

Adding & Subtracting Fractions Name: **Answer Key**

Solve each problem. Write the answer as a mixed number fraction (if possible). Reduce if possible.

1) Maria bought a bamboo plant that was $10\ ^{1}/_{5}$ feet high. When she got it home she cut $7\ ^{2}/_{5}$ feet off of it. How tall was the plant after she cut it down?

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10) While exercising Cody jogged $7\ ^{4}/_{6}$ kilometers and walked $8\ ^{1}/_{6}$ kilometers. What is the total distance he traveled?

Answers

1. $2\frac{4}{5}$
2. $10\frac{0}{7} = 10$
3. $12\frac{0}{2} = 12$
4. $9\frac{2}{6} = 9\frac{1}{3}$
5. $3\frac{2}{5}$
6. $9\frac{3}{4}$
7. $3\frac{0}{2} = 3$
8. $7\frac{0}{2} = 7$
9. $4\frac{1}{10}$
10. $15\frac{5}{6}$

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

Adding & Subtracting Fractions

Name:

Solve each problem. Write the answer as a mixed number fraction (if possible). Reduce if possible.

$12\frac{0}{2}$ 12 $2\frac{4}{5}$ $10\frac{0}{7}$ 10 $9\frac{3}{4}$

$3\frac{2}{5}$ $3\frac{0}{2}$ = 3 $9\frac{2}{6}$ = $9\frac{1}{3}$

1) Maria bought a bamboo plant that was $10\,{}^{1}/_{5}$ feet high. When she got it home she cut $7\,{}^{2}/_{5}$ feet off of it. How tall was the plant after she cut it down?
(LCM = 5)

2) In December it snowed $7\,{}^{1}/_{7}$ inches. In January it snowed $2\,{}^{6}/_{7}$ inches. What is the combined amount of snow for December and January?
(LCM = 7)

3) A coach filled up a cooler with water until it weighed $17\,{}^{1}/_{2}$ pounds. After the game the cooler weighed $5\,{}^{1}/_{2}$ pounds. How many pounds lighter was the cooler after the game?
(LCM = 2)

4) A recipe called for using $5\,{}^{3}/_{6}$ cups of flour before baking and another $3\,{}^{5}/_{6}$ cups after baking. What is the total amount of flour needed in the recipe?
(LCM = 6)

5) A restaurant had $20\,{}^{1}/_{5}$ gallons of soup at the start of the day. By the end of the day they had $16\,{}^{4}/_{5}$ gallons left. How many gallons of soup did they use during the day?
(LCM = 5)

6) A chef bought $4\,{}^{2}/_{4}$ pounds of carrots. If he later bought another $5\,{}^{1}/_{4}$ pounds of carrots, what is the total weight of carrots he bought?
(LCM = 4)

7) For Halloween, Amy received $8\,{}^{1}/_{2}$ pounds of candy. After a week her family had eaten $5\,{}^{1}/_{2}$ pounds. How many pounds of candy does she have left?
(LCM = 2)

Answers

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