Adding & Subtracting Fractions

Name:

Solve each problem.

1) An architect built a road $8\frac{2}{10}$ miles long. The next road he built was $8\frac{6}{9}$ miles long. What is the combined length of the two roads?

2) A coach filled up a cooler with water until it weighed $18\frac{1}{5}$ pounds. After the game the cooler weighed $10\frac{3}{4}$ pounds. How many pounds lighter was the cooler after the game?

3) A small box of nails was $3\frac{2}{5}$ inches tall. If the large box of nails was $10\frac{3}{6}$ inches taller, how tall is the large box of nails?

4) A chef had $3\frac{3}{8}$ pounds of carrots. If he later used $2\frac{2}{3}$ pounds in a recipe, how many pounds of carrots does he have left?

5) John bought a box of fruit that weighed $6\frac{4}{6}$ kilograms. If he gave away $5\frac{3}{8}$ kilograms of fruit to his friends, how many kilograms does he have left?

6) Billy jogged $7\frac{2}{8}$ kilometers on Monday and $2\frac{4}{9}$ kilometers on Tuesday. What is the difference between these two distances?

7) Will bought a box of fruit that weighed $8\frac{3}{4}$ kilograms. If he bought a second box that weighed $6\frac{5}{6}$ kilograms, what is the combined weight of both boxes?

8) A large box of nails weighed $7\frac{8}{10}$ ounces. A small box of nails weighed $2\frac{3}{4}$ ounces. What is the difference in weight between the two boxes?

9) Maria bought a bamboo plant that was $4\frac{5}{10}$ feet high. After a month it had grown another $2\frac{3}{4}$ feet. What was the total height of the plant after a month?

10) During a blizzard it snowed $4\frac{1}{6}$ inches. After a week the sun had melted $2\frac{5}{7}$ inches of snow. How many inches of snow is left?

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.

1) An architect built a road $8\frac{2}{10}$ miles long. The next road he built was $8\frac{6}{9}$ miles long. What is the combined length of the two roads?

2) A coach filled up a cooler with water until it weighed $18\frac{1}{5}$ pounds. After the game the cooler weighed $10\frac{3}{4}$ pounds. How many pounds lighter was the cooler after the game?

3) A small box of nails was $3\frac{2}{5}$ inches tall. If the large box of nails was $10\frac{3}{6}$ inches taller, how tall is the large box of nails?

4) A chef had $3\frac{3}{8}$ pounds of carrots. If he later used $2\frac{2}{3}$ pounds in a recipe, how many pounds of carrots does he have left?

5) John bought a box of fruit that weighed $6\frac{4}{6}$ kilograms. If he gave away $5\frac{3}{8}$ kilograms of fruit to his friends, how many kilograms does he have left?

6) Billy jogged $7\frac{2}{8}$ kilometers on Monday and $2\frac{4}{9}$ kilometers on Tuesday. What is the difference between these two distances?

7) Will bought a box of fruit that weighed $8\frac{3}{4}$ kilograms. If he bought a second box that weighed $6\frac{5}{6}$ kilograms, what is the combined weight of both boxes?

8) A large box of nails weighed $7\frac{8}{10}$ ounces. A small box of nails weighed $2\frac{3}{4}$ ounces. What is the difference in weight between the two boxes?

9) Maria bought a bamboo plant that was $4\frac{5}{10}$ feet high. After a month it had grown another $2\frac{3}{4}$ feet. What was the total height of the plant after a month?

10) During a blizzard it snowed $4\frac{1}{6}$ inches. After a week the sun had melted $2\frac{5}{7}$ inches of snow. How many inches of snow is left?

Answers

1. $\frac{1518}{90} = \frac{253}{15}$
2. $\frac{149}{20} = \frac{149}{20}$
3. $\frac{417}{30} = \frac{139}{10}$
4. $\frac{17}{24} = \frac{17}{24}$
5. $\frac{31}{24} = \frac{31}{24}$
6. $\frac{346}{72} = \frac{173}{36}$
7. $\frac{187}{12} = \frac{187}{12}$
8. $\frac{101}{20} = \frac{101}{20}$
9. $\frac{145}{20} = \frac{29}{4}$
10. $\frac{61}{42} = \frac{61}{42}$

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

Adding & Subtracting Fractions

Name:

Solve each problem.

$^{61}/_{42} = {}^{61}/_{42}$	$^{346}/_{72} = {}^{173}/_{36}$	$^{31}/_{24} = {}^{31}/_{24}$	$^{417}/_{30} = {}^{139}/_{10}$	$^{145}/_{20} = {}^{29}/_{4}$
$^{1518}/_{90} = {}^{253}/_{15}$	$^{17}/_{24} = {}^{17}/_{24}$	$^{149}/_{20} = {}^{149}/_{20}$	$^{101}/_{20} = {}^{101}/_{20}$	$^{187}/_{12} = {}^{187}/_{12}$

1) An architect built a road $8^{2}/_{10}$ miles long. The next road he built was $8^{6}/_{9}$ miles long. What is the combined length of the two roads?
(LCM = 90)

2) A coach filled up a cooler with water until it weighed $18^{1}/_{5}$ pounds. After the game the cooler weighed $10^{3}/_{4}$ pounds. How many pounds lighter was the cooler after the game?
(LCM = 20)

3) A small box of nails was $3^{2}/_{5}$ inches tall. If the large box of nails was $10^{3}/_{6}$ inches taller, how tall is the large box of nails?
(LCM = 30)

4) A chef had $3^{3}/_{8}$ pounds of carrots. If he later used $2^{2}/_{3}$ pounds in a recipe, how many pounds of carrots does he have left?
(LCM = 24)

5) John bought a box of fruit that weighed $6^{4}/_{6}$ kilograms. If he gave away $5^{3}/_{8}$ kilograms of fruit to his friends, how many kilograms does he have left?
(LCM = 24)

6) Billy jogged $7^{2}/_{8}$ kilometers on Monday and $2^{4}/_{9}$ kilometers on Tuesday. What is the difference between these two distances?
(LCM = 72)

7) Will bought a box of fruit that weighed $8^{3}/_{4}$ kilograms. If he bought a second box that weighed $6^{5}/_{6}$ kilograms, what is the combined weight of both boxes?
(LCM = 12)

8) A large box of nails weighed $7^{8}/_{10}$ ounces. A small box of nails weighed $2^{3}/_{4}$ ounces. What is the difference in weight between the two boxes?
(LCM = 20)

9) Maria bought a bamboo plant that was $4^{5}/_{10}$ feet high. After a month it had grown another $2^{3}/_{4}$ feet. What was the total height of the plant after a month?
(LCM = 20)

10) During a blizzard it snowed $4^{1}/_{6}$ inches. After a week the sun had melted $2^{5}/_{7}$ inches of snow. How many inches of snow is left?
(LCM = 42)

Answers

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

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