Adding & Subtracting Fractions

Name:

Solve each problem.

1) An empty bulldozer weighed 10 $^{2}/_{8}$ tons. If it scooped up 2 $^{1}/_{5}$ tons of dirt, what would be the combined weight of the bulldozer and dirt?

2) An architect built a road 8 $^{3}/_{10}$ miles long. The next road he built was 2 $^{2}/_{3}$ miles long. What is the combined length of the two roads?

3) Henry drew a line that was 9 $^{1}/_{4}$ inches long. If he drew a second line that was 9 $^{5}/_{6}$ inches longer, what is the length of the second line?

4) Emily walked 2 $^{3}/_{7}$ miles in the morning and another 5 $^{1}/_{2}$ miles in the afternoon. What was the total distance she walked?

5) A small box of nails was 6 $^{2}/_{10}$ inches tall. If the large box of nails was 10 $^{1}/_{6}$ inches taller, how tall is the large box of nails?

6) While exercising Paul jogged 9 $^{7}/_{10}$ kilometers and walked 2 $^{5}/_{9}$ kilometers. What is the total distance he traveled?

7) On Monday Luke spent 8 $^{1}/_{8}$ hours studying. On Tuesday he spent another 9 $^{6}/_{10}$ hours studying. What is the combined time he spent studying?

8) Kaleb bought a box of fruit that weighed 8 $^{4}/_{6}$ kilograms. If he bought a second box that weighed 7 $^{1}/_{2}$ kilograms, what is the combined weight of both boxes?

9) Gwen bought a bamboo plant that was 6 $^{5}/_{9}$ feet high. After a month it had grown another 4 $^{1}/_{2}$ feet. What was the total height of the plant after a month?

10) Bianca's new puppy weighed 10 $^{5}/_{7}$ pounds. After a month it had gained 6 $^{3}/_{4}$ pounds. What is the weight of the puppy after a month?

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 empty bulldozer weighed 10 $^{2}/_{8}$ tons. If it scooped up 2 $^{1}/_{5}$ tons of dirt, what would be the combined weight of the bulldozer and dirt?

2) An architect built a road 8 $^{3}/_{10}$ miles long. The next road he built was 2 $^{2}/_{3}$ miles long. What is the combined length of the two roads?

3) Henry drew a line that was 9 $^{1}/_{4}$ inches long. If he drew a second line that was 9 $^{5}/_{6}$ inches longer, what is the length of the second line?

4) Emily walked 2 $^{3}/_{7}$ miles in the morning and another 5 $^{1}/_{2}$ miles in the afternoon. What was the total distance she walked?

5) A small box of nails was 6 $^{2}/_{10}$ inches tall. If the large box of nails was 10 $^{1}/_{6}$ inches taller, how tall is the large box of nails?

6) While exercising Paul jogged 9 $^{7}/_{10}$ kilometers and walked 2 $^{5}/_{9}$ kilometers. What is the total distance he traveled?

7) On Monday Luke spent 8 $^{1}/_{8}$ hours studying. On Tuesday he spent another 9 $^{6}/_{10}$ hours studying. What is the combined time he spent studying?

8) Kaleb bought a box of fruit that weighed 8 $^{4}/_{6}$ kilograms. If he bought a second box that weighed 7 $^{1}/_{2}$ kilograms, what is the combined weight of both boxes?

9) Gwen bought a bamboo plant that was 6 $^{5}/_{9}$ feet high. After a month it had grown another 4 $^{1}/_{2}$ feet. What was the total height of the plant after a month?

10) Bianca's new puppy weighed 10 $^{5}/_{7}$ pounds. After a month it had gained 6 $^{3}/_{4}$ pounds. What is the weight of the puppy after a month?

Answers

1. $\frac{498}{40}$
2. $\frac{329}{30}$
3. $\frac{229}{12}$
4. $\frac{111}{14}$
5. $\frac{491}{30}$
6. $\frac{1103}{90}$
7. $\frac{709}{40}$
8. $\frac{97}{6}$
9. $\frac{199}{18}$
10. $\frac{489}{28}$

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

Adding & Subtracting Fractions

Name:

Solve each problem.

$\frac{229}{12}$	$\frac{329}{30}$	$\frac{1103}{90}$	$\frac{498}{40}$
$\frac{491}{30}$	$\frac{709}{40}$	$\frac{111}{14}$	

1) An empty bulldozer weighed $10\ ^{2}/_{8}$ tons. If it scooped up $2\ ^{1}/_{5}$ tons of dirt, what would be the combined weight of the bulldozer and dirt?
(LCM = 40)

2) An architect built a road $8\ ^{3}/_{10}$ miles long. The next road he built was $2\ ^{2}/_{3}$ miles long. What is the combined length of the two roads?
(LCM = 30)

3) Henry drew a line that was $9\ ^{1}/_{4}$ inches long. If he drew a second line that was $9\ ^{5}/_{6}$ inches longer, what is the length of the second line?
(LCM = 12)

4) Emily walked $2\ ^{3}/_{7}$ miles in the morning and another $5\ ^{1}/_{2}$ miles in the afternoon. What was the total distance she walked?
(LCM = 14)

5) A small box of nails was $6\ ^{2}/_{10}$ inches tall. If the large box of nails was $10\ ^{1}/_{6}$ inches taller, how tall is the large box of nails?
(LCM = 30)

6) While exercising Paul jogged $9\ ^{7}/_{10}$ kilometers and walked $2\ ^{5}/_{9}$ kilometers. What is the total distance he traveled?
(LCM = 90)

7) On Monday Luke spent $8\ ^{1}/_{8}$ hours studying. On Tuesday he spent another $9\ ^{6}/_{10}$ hours studying. What is the combined time he spent studying?
(LCM = 40)

Answers

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

1-7	86	71	57	43	29	14	0