Adding & Subtracting Fractions

Name:

Solve each problem.

1) Oliver bought a box of fruit that weighed $8\ ^{2}/_{10}$ kilograms. If he gave away $4\ ^{5}/_{10}$ kilograms of fruit to his friends, how many kilograms does he have left?

2) On Monday Dave spent $5\ ^{3}/_{7}$ hours studying. On Tuesday he spent another $7\ ^{1}/_{7}$ hours studying. What is the combined time he spent studying?

3) Henry drew a line that was $9\ ^{4}/_{8}$ inches long. If he drew a second line that was $6\ ^{4}/_{8}$ inches long, what is the difference between the length of the two lines?

4) An empty bulldozer weighed $9\ ^{6}/_{7}$ tons. If it scooped up $3\ ^{3}/_{7}$ tons of dirt, what would be the combined weight of the bulldozer and dirt?

5) A full garbage truck weighed $7\ ^{3}/_{5}$ tons. After dumping the garbage, the truck weighed $4\ ^{4}/_{5}$ tons. What was the weight of the garbage?

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

7) While exercising Will travelled $6\ ^{6}/_{9}$ kilometers. If he walked $4\ ^{8}/_{9}$ kilometers and jogged the rest, how many kilometers did he jog?

8) In December it snowed $3\ ^{2}/_{5}$ inches. In January it snowed $4\ ^{3}/_{5}$ inches. What is the combined amount of snow for December and January?

9) A king size chocolate bar was $12\ ^{3}/_{10}$ inches long. The regular size bar was $10\ ^{5}/_{10}$ inches long. What is the difference in length between the two bars?

10) Tom drew a line that was $7\ ^{1}/_{5}$ inches long. If he drew a second line that was $6\ ^{3}/_{5}$ inches longer, what is the length of the second line?

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) Oliver bought a box of fruit that weighed $8\ ^{2}/_{10}$ kilograms. If he gave away $4\ ^{5}/_{10}$ kilograms of fruit to his friends, how many kilograms does he have left?

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10) Tom drew a line that was $7\ ^{1}/_{5}$ inches long. If he drew a second line that was $6\ ^{3}/_{5}$ inches longer, what is the length of the second line?

Answers

1. $\frac{37}{10}$
2. $\frac{88}{7}$
3. $\frac{24}{8}$
4. $\frac{93}{7}$
5. $\frac{14}{5}$
6. $\frac{70}{7}$
7. $\frac{16}{9}$
8. $\frac{40}{5}$
9. $\frac{18}{10}$
10. $\frac{69}{5}$

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

Adding & Subtracting Fractions

Name:

Solve each problem.

$\frac{88}{7}$	$\frac{14}{5}$	$\frac{24}{8}$	$\frac{93}{7}$
$\frac{70}{7}$	$\frac{16}{9}$	$\frac{37}{10}$	

1) Oliver bought a box of fruit that weighed $8\ ^{2}/_{10}$ kilograms. If he gave away $4\ ^{5}/_{10}$ kilograms of fruit to his friends, how many kilograms does he have left?
(LCM = 10)

2) On Monday Dave spent $5\ ^{3}/_{7}$ hours studying. On Tuesday he spent another $7\ ^{1}/_{7}$ hours studying. What is the combined time he spent studying?
(LCM = 7)

3) Henry drew a line that was $9\ ^{4}/_{8}$ inches long. If he drew a second line that was $6\ ^{4}/_{8}$ inches long, what is the difference between the length of the two lines?
(LCM = 8)

4) An empty bulldozer weighed $9\ ^{6}/_{7}$ tons. If it scooped up $3\ ^{3}/_{7}$ tons of dirt, what would be the combined weight of the bulldozer and dirt?
(LCM = 7)

5) A full garbage truck weighed $7\ ^{3}/_{5}$ tons. After dumping the garbage, the truck weighed $4\ ^{4}/_{5}$ tons. What was the weight of the garbage?
(LCM = 5)

6) An architect built a road $7\ ^{1}/_{7}$ miles long. The next road he built was $2\ ^{6}/_{7}$ miles long. What is the combined length of the two roads?
(LCM = 7)

7) While exercising Will travelled $6\ ^{6}/_{9}$ kilometers. If he walked $4\ ^{8}/_{9}$ kilometers and jogged the rest, how many kilometers did he jog?
(LCM = 9)

Answers

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

1-7	86	71	57	43	29	14	0