Adding & Subtracting Fractions

Name:

Solve each problem. Write the answer as an improper fraction (if possible).

1) Luke spent $3\frac{6}{10}$ hours working on his math homework. If he spent another $2\frac{5}{8}$ hours on his reading homework, what is the total time he spent on homework?

2) Billy jogged $10\frac{1}{6}$ kilometers on Monday and $6\frac{6}{9}$ kilometers on Tuesday. What is the difference between these two distances?

3) A coach filled up a cooler with water until it weighed $14\frac{1}{2}$ pounds. After the game the cooler weighed $10\frac{3}{6}$ pounds. How many pounds lighter was the cooler after the game?

4) A small box of nails was $7\frac{1}{4}$ inches tall. If the large box of nails was $4\frac{1}{9}$ inches taller, how tall is the large box of nails?

5) A regular size chocolate bar was $6\frac{7}{8}$ inches long. If the king size bar was $5\frac{1}{6}$ inches longer, what is the length of the king size bar?

6) A full garbage truck weighed $3\frac{1}{10}$ tons. After dumping the garbage, the truck weighed $2\frac{3}{6}$ tons. What was the weight of the garbage?

7) Dave bought a box of fruit that weighed $7\frac{2}{8}$ kilograms. If he bought a second box that weighed $10\frac{1}{3}$ kilograms, what is the combined weight of both boxes?

8) For Halloween, Katie received $5\frac{8}{9}$ pounds of candy in the first hour and another $2\frac{1}{4}$ pounds the second hour. How much candy did she get total?

9) Bianca's new puppy weighed $10\frac{5}{7}$ pounds. After a month it had gained $2\frac{1}{5}$ pounds. What is the weight of the puppy after a month?

10) While exercising Ned travelled $5\frac{2}{9}$ kilometers. If he walked $4\frac{3}{8}$ kilometers and jogged the rest, how many kilometers did he jog?

Answers

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

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

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Answers

1. $\frac{249}{40}$
2. $\frac{63}{18}$
3. $\frac{24}{6}$
4. $\frac{409}{36}$
5. $\frac{289}{24}$
6. $\frac{18}{30}$
7. $\frac{422}{24}$
8. $\frac{293}{36}$
9. $\frac{452}{35}$
10. $\frac{61}{72}$

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

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Name:

Solve each problem. Write the answer as an improper fraction (if possible).

$\frac{289}{24}$	$\frac{24}{6}$	$\frac{422}{24}$	$\frac{18}{30}$	$\frac{61}{72}$
$\frac{452}{35}$	$\frac{293}{36}$	$\frac{409}{36}$	$\frac{63}{18}$	$\frac{249}{40}$

1) Luke spent $3\frac{6}{10}$ hours working on his math homework. If he spent another $2\frac{5}{8}$ hours on his reading homework, what is the total time he spent on homework?
(LCM = 40)

2) Billy jogged $10\frac{1}{6}$ kilometers on Monday and $6\frac{6}{9}$ kilometers on Tuesday. What is the difference between these two distances?
(LCM = 18)

3) A coach filled up a cooler with water until it weighed $14\frac{1}{2}$ pounds. After the game the cooler weighed $10\frac{3}{6}$ pounds. How many pounds lighter was the cooler after the game?
(LCM = 6)

4) A small box of nails was $7\frac{1}{4}$ inches tall. If the large box of nails was $4\frac{1}{9}$ inches taller, how tall is the large box of nails?
(LCM = 36)

5) A regular size chocolate bar was $6\frac{7}{8}$ inches long. If the king size bar was $5\frac{1}{6}$ inches longer, what is the length of the king size bar?
(LCM = 24)

6) A full garbage truck weighed $3\frac{1}{10}$ tons. After dumping the garbage, the truck weighed $2\frac{3}{6}$ tons. What was the weight of the garbage?
(LCM = 30)

7) Dave bought a box of fruit that weighed $7\frac{2}{8}$ kilograms. If he bought a second box that weighed $10\frac{1}{3}$ kilograms, what is the combined weight of both boxes?
(LCM = 24)

8) For Halloween, Katie received $5\frac{8}{9}$ pounds of candy in the first hour and another $2\frac{1}{4}$ pounds the second hour. How much candy did she get total?
(LCM = 36)

9) Bianca's new puppy weighed $10\frac{5}{7}$ pounds. After a month it had gained $2\frac{1}{5}$ pounds. What is the weight of the puppy after a month?
(LCM = 35)

10) While exercising Ned travelled $5\frac{2}{9}$ kilometers. If he walked $4\frac{3}{8}$ kilometers and jogged the rest, how many kilometers did he jog?
(LCM = 72)

Answers

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

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