



## Adding & Subtracting Fractions

Name: \_\_\_\_\_

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

Reduce if possible.

- 1) A chef had  $10\frac{1}{2}$  pounds of carrots. If he later used  $4\frac{1}{2}$  pounds in a recipe, how many pounds of carrots does he have left?
  
- 2) On Monday Lana spent  $2\frac{3}{7}$  hours studying. On Tuesday she spent another  $2\frac{1}{7}$  hours studying. What is the combined length of time she spent studying?
  
- 3) A full garbage truck weighed  $7\frac{2}{3}$  tons. After dumping the garbage, the truck weighed  $6\frac{2}{3}$  tons. What was the weight of the garbage?
  
- 4) On Saturday a restaurant used  $2\frac{1}{2}$  cans of vegetables. On Sunday they used another  $4\frac{1}{2}$  cans. What is the total amount of vegetables they used?
  
- 5) Robin bought a bamboo plant that was  $4\frac{1}{9}$  feet high. When she got it home she cut  $3\frac{1}{9}$  feet off of it. How tall was the plant after she cut it down?
  
- 6) Henry drew a line that was  $2\frac{1}{7}$  inches long. If he drew a second line that was  $9\frac{3}{7}$  inches longer, what is the length of the second line?
  
- 7) Over the weekend Gwen spent  $3\frac{2}{6}$  hours total studying. If she spent  $2\frac{5}{6}$  hours studying on Saturday, how long did she study on Sunday?
  
- 8) An empty bulldozer weighed  $2\frac{2}{3}$  tons. If it scooped up  $3\frac{1}{3}$  tons of dirt, what would be the combined weight of the bulldozer and dirt?
  
- 9) The combined height of two pieces of wood was  $7\frac{3}{7}$  inches. If the first piece of wood was  $4\frac{3}{7}$  inches high, how tall was the second piece?
  
- 10) Bianca's new puppy weighed  $4\frac{1}{4}$  pounds. After a month it had gained  $3\frac{1}{4}$  pounds. What is the weight of the puppy after a month?

## Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



## Adding &amp; Subtracting Fractions

Name: **Answer Key**

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

Reduce if possible.

- 1) A chef had  $10\frac{1}{2}$  pounds of carrots. If he later used  $4\frac{1}{2}$  pounds in a recipe, how many pounds of carrots does he have left?
- 2) On Monday Lana spent  $2\frac{3}{7}$  hours studying. On Tuesday she spent another  $2\frac{1}{7}$  hours studying. What is the combined length of time she spent studying?
- 3) A full garbage truck weighed  $7\frac{2}{3}$  tons. After dumping the garbage, the truck weighed  $6\frac{2}{3}$  tons. What was the weight of the garbage?
- 4) On Saturday a restaurant used  $2\frac{1}{2}$  cans of vegetables. On Sunday they used another  $4\frac{1}{2}$  cans. What is the total amount of vegetables they used?
- 5) Robin bought a bamboo plant that was  $4\frac{1}{9}$  feet high. When she got it home she cut  $3\frac{1}{9}$  feet off of it. How tall was the plant after she cut it down?
- 6) Henry drew a line that was  $2\frac{1}{7}$  inches long. If he drew a second line that was  $9\frac{3}{7}$  inches longer, what is the length of the second line?
- 7) Over the weekend Gwen spent  $3\frac{2}{6}$  hours total studying. If she spent  $2\frac{5}{6}$  hours studying on Saturday, how long did she study on Sunday?
- 8) An empty bulldozer weighed  $2\frac{2}{3}$  tons. If it scooped up  $3\frac{1}{3}$  tons of dirt, what would be the combined weight of the bulldozer and dirt?
- 9) The combined height of two pieces of wood was  $7\frac{3}{7}$  inches. If the first piece of wood was  $4\frac{3}{7}$  inches high, how tall was the second piece?
- 10) Bianca's new puppy weighed  $4\frac{1}{4}$  pounds. After a month it had gained  $3\frac{1}{4}$  pounds. What is the weight of the puppy after a month?

**Answers**

1.  $6\frac{0}{2} = 6$

2.  $4\frac{4}{7}$

3.  $\frac{3}{3} = 1$

4.  $7\frac{0}{2} = 7$

5.  $\frac{9}{9} = 1$

6.  $11\frac{4}{7}$

7.  $\frac{3}{6} = \frac{1}{2}$

8.  $6\frac{0}{3} = 6$

9.  $3\frac{0}{7} = 3$

10.  $7\frac{2}{4} = 7\frac{1}{2}$



## Adding &amp; Subtracting Fractions

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

Reduce if possible.

$$11 \frac{4}{7}$$

$$6 \frac{0}{2}$$

6

$$\frac{9}{9}$$

1

$$\frac{3}{3}$$

1

$$\frac{3}{6} = \frac{1}{2}$$

$$7 \frac{0}{2} = 7$$

$$4 \frac{4}{7}$$

Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

1) A chef had  $10 \frac{1}{2}$  pounds of carrots. If he later used  $4 \frac{1}{2}$  pounds in a recipe, how many pounds of carrots does he have left?  
(LCM = 2)

2) On Monday Lana spent  $2 \frac{3}{7}$  hours studying. On Tuesday she spent another  $2 \frac{1}{7}$  hours studying. What is the combined length of time she spent studying?  
(LCM = 7)

3) A full garbage truck weighed  $7 \frac{2}{3}$  tons. After dumping the garbage, the truck weighed  $6 \frac{2}{3}$  tons. What was the weight of the garbage?  
(LCM = 3)

4) On Saturday a restaurant used  $2 \frac{1}{2}$  cans of vegetables. On Sunday they used another  $4 \frac{1}{2}$  cans. What is the total amount of vegetables they used?  
(LCM = 2)

5) Robin bought a bamboo plant that was  $4 \frac{1}{9}$  feet high. When she got it home she cut  $3 \frac{1}{9}$  feet off of it. How tall was the plant after she cut it down?  
(LCM = 9)

6) Henry drew a line that was  $2 \frac{1}{7}$  inches long. If he drew a second line that was  $9 \frac{3}{7}$  inches longer, what is the length of the second line?  
(LCM = 7)

7) Over the weekend Gwen spent  $3 \frac{2}{6}$  hours total studying. If she spent  $2 \frac{5}{6}$  hours studying on Saturday, how long did she study on Sunday?  
(LCM = 6)