

**Solve each problem. Reduce if possible.****Answers**

- 1) A chef bought  $4\frac{6}{10}$  pounds of carrots. If he later bought another  $9\frac{4}{8}$  pounds of carrots, what is the total weight of carrots he bought?
- 2) Lana bought a bamboo plant that was  $2\frac{1}{8}$  feet high. After a month it had grown another  $3\frac{1}{2}$  feet. What was the total height of the plant after a month?
- 3) A recipe called for using  $5\frac{3}{6}$  cups of flour before baking and another  $7\frac{3}{8}$  cups after baking. What is the total amount of flour needed in the recipe?
- 4) While exercising Cody jogged  $7\frac{2}{6}$  kilometers and walked  $6\frac{2}{3}$  kilometers. What is the total distance he traveled?
- 5) Haley's class recycled  $5\frac{1}{7}$  boxes of paper in a month. If they recycled another  $10\frac{1}{2}$  boxes the next month what is the total amount they recycled?
- 6) John drew a line that was  $2\frac{6}{10}$  inches long. If he drew a second line that was  $6\frac{2}{3}$  inches longer, what is the length of the second line?
- 7) A small box of nails was  $4\frac{4}{6}$  inches tall. If the large box of nails was  $6\frac{3}{5}$  inches taller, how tall is the large box of nails?
- 8) For Halloween, Bianca received  $4\frac{2}{7}$  pounds of candy in the first hour and another  $5\frac{3}{8}$  pounds the second hour. How much candy did she get total?
- 9) Paige walked  $4\frac{5}{6}$  miles in the morning and another  $3\frac{2}{5}$  miles in the afternoon. What was the total distance she walked?
- 10) On Monday Edward spent  $9\frac{1}{2}$  hours studying. On Tuesday he spent another  $7\frac{4}{8}$  hours studying. What is the combined time he spent studying?

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

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**Answers**

1.  $\frac{564}{40}$
2.  $\frac{45}{8}$
3.  $\frac{309}{24}$
4.  $\frac{84}{6}$
5.  $\frac{219}{14}$
6.  $\frac{278}{30}$
7.  $\frac{338}{30}$
8.  $\frac{541}{56}$
9.  $\frac{247}{30}$
10.  $\frac{136}{8}$



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$$\frac{219}{14}$$

$$\frac{338}{30}$$

$$\frac{84}{6}$$

$$\frac{278}{30}$$

$$\frac{309}{24}$$

$$\frac{564}{40}$$

$$\frac{45}{8}$$

**Answers**

- 1) A chef bought  $4\frac{6}{10}$  pounds of carrots. If he later bought another  $9\frac{4}{8}$  pounds of carrots, what is the total weight of carrots he bought?  
(LCM = 40)

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

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

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

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

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

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

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

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

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

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

- 2) Lana bought a bamboo plant that was  $2\frac{1}{8}$  feet high. After a month it had grown another  $3\frac{1}{2}$  feet. What was the total height of the plant after a month?  
(LCM = 8)

- 3) A recipe called for using  $5\frac{3}{6}$  cups of flour before baking and another  $7\frac{3}{8}$  cups after baking. What is the total amount of flour needed in the recipe?  
(LCM = 24)

- 4) While exercising Cody jogged  $7\frac{2}{6}$  kilometers and walked  $6\frac{2}{3}$  kilometers. What is the total distance he traveled?  
(LCM = 6)

- 5) Haley's class recycled  $5\frac{1}{7}$  boxes of paper in a month. If they recycled another  $10\frac{1}{2}$  boxes the next month what is the total amount they recycled?  
(LCM = 14)

- 6) John drew a line that was  $2\frac{6}{10}$  inches long. If he drew a second line that was  $6\frac{2}{3}$  inches longer, what is the length of the second line?  
(LCM = 30)

- 7) A small box of nails was  $4\frac{4}{6}$  inches tall. If the large box of nails was  $6\frac{3}{5}$  inches taller, how tall is the large box of nails?  
(LCM = 30)