

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

- 1) Olivia's class recycled  $3\frac{2}{4}$  boxes of paper in a month. If they recycled another  $3\frac{1}{5}$  boxes the next month what is the total amount they recycled?
- 2) In December it snowed  $3\frac{3}{7}$  inches. In January it snowed  $4\frac{4}{9}$  inches. What is the combined amount of snow for December and January?
- 3) While exercising Adam jogged  $7\frac{2}{10}$  kilometers and walked  $2\frac{5}{9}$  kilometers. What is the total distance he traveled?
- 4) A recipe called for using  $6\frac{9}{10}$  cups of flour before baking and another  $9\frac{1}{3}$  cups after baking. What is the total amount of flour needed in the recipe?
- 5) Nancy bought a bamboo plant that was  $9\frac{1}{4}$  feet high. After a month it had grown another  $2\frac{1}{2}$  feet. What was the total height of the plant after a month?
- 6) For Halloween, Rachel received  $3\frac{2}{6}$  pounds of candy in the first hour and another  $3\frac{2}{4}$  pounds the second hour. How much candy did she get total?
- 7) At the beach, Dave built a sandcastle that was  $4\frac{1}{4}$  feet high. If he added a flag that was  $4\frac{2}{8}$  feet high, what is the total height of his creation?
- 8) An empty bulldozer weighed  $7\frac{1}{9}$  tons. If it scooped up  $3\frac{9}{10}$  tons of dirt, what would be the combined weight of the bulldozer and dirt?
- 9) Debby walked  $4\frac{1}{3}$  miles in the morning and another  $2\frac{3}{7}$  miles in the afternoon. What was the total distance she walked?
- 10) Isabel's new puppy weighed  $2\frac{3}{4}$  pounds. After a month it had gained  $3\frac{6}{10}$  pounds. What is the weight of the puppy after a month?

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**Answers**

1.  $\frac{134}{20}$
2.  $\frac{496}{63}$
3.  $\frac{878}{90}$
4.  $\frac{487}{30}$
5.  $\frac{47}{4}$
6.  $\frac{82}{12}$
7.  $\frac{68}{8}$
8.  $\frac{991}{90}$
9.  $\frac{142}{21}$
10.  $\frac{127}{20}$



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$$\frac{487}{30}$$

$$\frac{68}{8}$$

$$\frac{878}{90}$$

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$$\frac{82}{12}$$

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- 1) Olivia's class recycled  $3\frac{2}{4}$  boxes of paper in a month. If they recycled another  $3\frac{1}{5}$  boxes the next month what is the total amount they recycled?  
(LCM = 20)
- 2) In December it snowed  $3\frac{3}{7}$  inches. In January it snowed  $4\frac{4}{9}$  inches. What is the combined amount of snow for December and January?  
(LCM = 63)
- 3) While exercising Adam jogged  $7\frac{2}{10}$  kilometers and walked  $2\frac{5}{9}$  kilometers. What is the total distance he traveled?  
(LCM = 90)
- 4) A recipe called for using  $6\frac{9}{10}$  cups of flour before baking and another  $9\frac{1}{3}$  cups after baking. What is the total amount of flour needed in the recipe?  
(LCM = 30)
- 5) Nancy bought a bamboo plant that was  $9\frac{1}{4}$  feet high. After a month it had grown another  $2\frac{1}{2}$  feet. What was the total height of the plant after a month?  
(LCM = 4)
- 6) For Halloween, Rachel received  $3\frac{2}{6}$  pounds of candy in the first hour and another  $3\frac{2}{4}$  pounds the second hour. How much candy did she get total?  
(LCM = 12)
- 7) At the beach, Dave built a sandcastle that was  $4\frac{1}{4}$  feet high. If he added a flag that was  $4\frac{2}{8}$  feet high, what is the total height of his creation?  
(LCM = 8)

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