

Add and subtract fractions like denominators

Write your answers in the lowest term where necessary.

1. Quincy bought a box of fruit that weighed $7\frac{7}{10}$ kilograms. If he gave away $2\frac{6}{10}$ kilograms of fruit to his friends, how many kilograms does he have?
- 2) A full garbage truck weighed $6\frac{4}{8}$ tons. After dumping the garbage, the truck weighed $4\frac{2}{8}$ tons. What was the weight of the garbage?
- 3) Amy had $9\frac{6}{12}$ cups of flour. If she used $2\frac{2}{12}$ cups baking, how much flour did she have left?
- 4) On Monday Wendy spent $7\frac{4}{6}$ hours studying. On Tuesday she spent another $1\frac{2}{6}$ hours studying. What is the combined length of time she spent studying?
- 5) On Saturday a restaurant used $6\frac{4}{6}$ cans of vegetables. On Sunday they used another $7\frac{1}{6}$ cans. What is the total amount of vegetables they used?
- 6) A coach filled up a cooler with water until it weighed $8\frac{2}{8}$ pounds. After the game the cooler weighed $3\frac{2}{8}$ pounds. How many pounds lighter was the cooler after the game?
- 7) A chef bought $5\frac{7}{12}$ pounds of carrots. If he later bought another $7\frac{5}{12}$ pounds of carrots, what is the total weight of carrots he bought?
- 8) A small box of nails was $1\frac{5}{10}$ inches tall. If the large box of nails was $3\frac{8}{10}$ inches taller, how tall is the large box of nails?

9) The combined height of two pieces of wood was $3\frac{8}{10}$ inches. If the first piece of wood was $2\frac{3}{10}$ inches high, how tall was the second piece?

10) Sam drew a line that was $9\frac{4}{10}$ inches long. If he drew a second line that was $3\frac{2}{10}$ inches longer, what is the length of the second line?

11) Devin bought a box of fruit that weighed $4\frac{9}{10}$ kilograms. If he bought a second box that weighed $2\frac{1}{12}$ kilograms, what is the combined weight of both boxes?

12) Evan spent $1\frac{1}{8}$ hours working on his math homework. If he spent another $8\frac{1}{8}$ hours on his reading homework, what is the total time he spent on homework?

13) A regular size chocolate bar was $6\frac{1}{10}$ inches long. If the king size bar was $9\frac{7}{10}$ inches longer, how much longer is the king size bar?

14) An empty bulldozer weighed $8\frac{2}{10}$ tons. If it scooped up $9\frac{4}{10}$ tons of dirt, what would be the combined weight of the bulldozer and dirt?

15) In December it snowed $5\frac{4}{5}$ inches. In January it snowed $3\frac{1}{5}$ inches. What is the combined amount of snow for December and January?

16) Bianca had planned to walk $8\frac{2}{5}$ miles on Wednesday. If she walked $5\frac{1}{5}$ miles in the morning, how far would she need to walk in the afternoon?

17) Nancy had $5\frac{5}{12}$ cups of flour. If she used $2\frac{3}{12}$ cups baking, how much flour did she have left?

18) The combined height of two pieces of wood was $8 \frac{6}{10}$ inches. If the first piece of wood was $5 \frac{2}{10}$ inches high, how tall was the second piece?

19) Over the weekend Debby spent $4 \frac{3}{5}$ hours total studying. If she spent $1 \frac{1}{5}$ hours studying on Saturday, how long did she study on Sunday?

20) Sarah bought a bamboo plant that was $8 \frac{6}{10}$ feet high. When she got it home she cut $6 \frac{3}{10}$ feet off of it. How tall was the plant after she cut it down?