

## Word problem involving addition or subtraction of fractions with different denominators: Worksheet 7.2

Name ..... Date ..... Score .....

1. A person bought  $4\frac{3}{7}$  pounds of potatoes. If he later bought another  $7\frac{2}{5}$  pounds of potatoes, what is the total weight of potatoes he bought?
2. At the beach, Mike built a sand castle that was  $4\frac{2}{3}$  feet high. If he added a flag that was  $2\frac{1}{6}$  feet high, what is the total height of his castle?
3. An engineer built a road  $6\frac{1}{3}$  miles long. The second road he built was  $5\frac{1}{4}$  miles long. What is the total length of the two roads he built?
4. Sarah's recycled  $11\frac{3}{5}$  boxes of paper in a month. If she recycled another  $6\frac{5}{9}$  boxes the next month, what was the total amount she recycled?
5. During the weekend Nora spent a total  $5\frac{3}{4}$  hours studying. If she spent  $2\frac{2}{3}$  hours studying on Saturday, how long did she study on Sunday?
6. Katy jogged  $5\frac{2}{3}$  kilometers on Tuesday and  $4\frac{2}{7}$  kilometers on Wednesday. What is the difference between these distances?
7. A bulldozer weighed  $3\frac{2}{5}$  tons. If it scooped up  $5\frac{3}{8}$  tons of sand, what would be the combined weight of the bulldozer and the sand?
8. A regular size chocolate bar was  $8\frac{3}{8}$  inches long. If the king size bar was  $5\frac{3}{7}$  inches longer, what is the length of the king size bar?
9. In November, it snowed  $9\frac{1}{8}$  inches. In December it snowed  $6\frac{4}{7}$  inches. What is the total amount of snow for November and December?
10. Melanie planned to walk  $4\frac{5}{7}$  miles on Tuesday. If she walked  $3\frac{2}{5}$  miles in the morning, how far would she need to walk in the afternoon?



## Solutions: Worksheet 7.2

1.  $11\frac{29}{35}$  pounds
2.  $6\frac{5}{6}$  feet
3.  $11\frac{7}{12}$  miles
4.  $18\frac{7}{45}$  boxes
5.  $3\frac{1}{12}$  hours
6.  $1\frac{8}{21}$  kilometers
7.  $8\frac{31}{40}$  tons
8.  $13\frac{45}{56}$  inches
9.  $15\frac{39}{56}$
10.  $1\frac{11}{35}$  miles

