Word problem involving addition or subtraction of fractions with different denominators: Worksheet 7.3

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

1. Melanie planned to walk $3\frac{6}{7}$ miles on Tuesday. If she walked $2\frac{3}{5}$ miles in the morning, how far would she need to walk in the afternoon?

2. At the beach, Mike built a sand castle that was $3\frac{2}{3}$ feet high. If he added a flag that was $2\frac{5}{6}$ 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. A person bought $6\frac{5}{7}$ pounds of potatoes. If he later bought another $7\frac{2}{5}$ pounds of potatoes, what is the total weight of potatoes he bought?

5. During the weekend Nora spent a total $5\frac{3}{4}$ hours studying. If she spent $3\frac{1}{3}$ hours studying on Saturday, how long did she study on Sunday?

6. Katy jogged $5\frac{2}{3}$ kilometers on Tuesday and $3\frac{2}{7}$ kilometers on Wednesday. What is the difference between these distances?

7. A bulldozer weighed $3\frac{2}{5}$ tons. If it scooped up $5\frac{5}{8}$ tons of sand, what would be the combined weight of the bulldozer and the sand?

8. A regular size chocolate bar was $7\frac{3}{8}$ 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 $10\frac{5}{8}$ inches. In December it snowed $5\frac{3}{7}$ inches. What is the total amount of snow for November and December?

10. Sarah's recycled $9\frac{2}{5}$ boxes of paper in a month. If she recycled another $6\frac{4}{9}$ boxes the next month, what was the total amount she recycled?

Solutions: Worksheet 7.3

1. $1\frac{9}{35}$ miles
2. $6\frac{1}{2}$ feet
3. $11\frac{7}{12}$ miles
4. $14\frac{4}{35}$ pounds
5. $2\frac{5}{12}$ hours
6. $2\frac{8}{21}$ kilometers
7. $9\frac{1}{40}$ tons
8. $12\frac{45}{56}$ inches
9. $16\frac{3}{56}$
10. $15\frac{38}{45}$ boxes