Estimating Sums and Differences of Mixed Numbers

Round to the nearest whole number.

1. $3 \frac{3}{8}$
2. $6 \frac{5}{11}$
3. $1 \frac{11}{20}$
4. $12 \frac{6}{13}$

Estimate each sum or difference.

5. $3 \frac{1}{4} + 2 \frac{5}{6}$
6. $5 \frac{6}{9} - 1 \frac{3}{4}$
7. $5 \frac{5}{13} + 8 \frac{3}{5}$
8. $11 - 6 \frac{3}{7} + 2 \frac{2}{5}$

Robert and May are competing in a track meet. The table at the right shows the results of their events.

9. Robert says his better jump was about 1 ft longer than May’s better jump. Is he correct?

10. Use the table above. If the school record for the softball throw is 78 ft, about how much farther must Robert throw the ball to match the record?

   A 15 ft   B 16 ft   C 18 ft   D 20 ft

11. Consider the sum of $\frac{2}{5} + \frac{3}{4}$. Round each fraction and estimate the sum. Add the two fractions using a common denominator and then round the result. Which estimate is closer to the actual answer?