

3-4**Practice: Skills****Estimating Sums and Differences****Estimate using rounding.**

1. $2.32 + 2.52$

2. $87.146 - 24.953$

3. $18.93 + 27.45$

4. $\$46.83 + \18.60

5. $\$13.23 - \2.87

6. $43.058 - 15.726$

Estimate using front-end estimation.

7.
$$\begin{array}{r} 51.62 \\ + 6.58 \\ \hline \end{array}$$

8.
$$\begin{array}{r} \$233.10 \\ - 23.62 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 4.57360 \\ - 0.58256 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 820.1 \\ + 3.2 \\ \hline \end{array}$$

11. $\$102.34 + \$23.00 + \$32.67$

12. $652.355 - 52.736$

Estimate using clustering.

13. $59.62 + 60.4 + 60 + 61$

14. $\$4.79 + \$5.29 + \$4.99$

15. $8.2 + 7.8 + 7.2 + 7.99$

16. $89.04 + 87.55 + 90.101 + 91$

17. $15.044 + 14.765 + 14.689$

18. $\$1.44 + \$0.86 + \$1.00 + \0.70

3-4**Practice: Word Problems****Estimating Sums and Differences**

SPORTS For Exercises 1–3, use the table.

The table shows the percent of annual hospital visits due to sports injuries by males 15 to 19 years of age.

Sport	Percent	Sport	Percent
Basketball	25.9	Boxing, Wrestling	4.4
Football	21.3	Exercise	3.8
Baseball/softball	4.1	Bicycling	8.1
Soccer	4.6	Skateboarding	3.6

<p>1. Use clustering to estimate the total number of hospital visits due to injuries in baseball/softball, exercising, skateboarding, and boxing.</p>	<p>2. Use rounding to estimate how many more visits were due to football injuries than to soccer injuries.</p>
<p>3. Use front-end estimation to estimate the total number of visits caused by injuries in basketball and skateboarding.</p>	<p>4. BASKETBALL Len dribbled a basketball for 43 seconds before Greg got the ball away. Then Greg dribbled the ball for 11.525 seconds before Len got the ball. Use front-end estimation to estimate how many more seconds Len dribbled the ball than Greg.</p>
<p>5. GARDENING Kevin is going to plant three new types of vegetables in his garden. The garden store sells packages of tomatillo seeds for \$1.67, chili pepper seeds for \$0.89, and pumpkin seeds for \$2.32. Use rounding to estimate how much Kevin will spend on all three packets of seeds.</p>	<p>6. TRAVEL Gloria drove 53.2 miles to her grandmother's home. From her grandmother's home she drove 12.67 miles to her aunt's home. Use front-end estimation to estimate how many miles Gloria drove to get to her aunt's home. Then use rounding to estimate the number of miles again.</p>