

## LESSON

## 3-1

**Practice B****Estimating with Decimals****Estimate by rounding to the nearest integer.**

1.  $7.45 + 35.84$   
\_\_\_\_\_

2.  $64.08 - 23.47$   
\_\_\_\_\_

3.  $6.842 + 14.05$   
\_\_\_\_\_

4.  $7.156 + 8.34$   
\_\_\_\_\_

5.  $84.23 + 78.24$   
\_\_\_\_\_

6.  $3.78 - 2.078$   
\_\_\_\_\_

7.  $98.47 - 46.75$   
\_\_\_\_\_

8.  $87.24 - 56.38$   
\_\_\_\_\_

9.  $6.324 + 60.324$   
\_\_\_\_\_

10.  $28.318 + 18.955$   
\_\_\_\_\_

11.  $35.082 + 8.37$   
\_\_\_\_\_

12.  $62.49 - 12.84$   
\_\_\_\_\_

**Use compatible numbers to estimate.**

13.  $59.69 \div 19.904$   
\_\_\_\_\_

14.  $86.234 \cdot 9.876$   
\_\_\_\_\_

15.  $54.87 \cdot 19.47$   
\_\_\_\_\_

16.  $16.04 \cdot 10.45$   
\_\_\_\_\_

17.  $31.25 \cdot 6.57$   
\_\_\_\_\_

18.  $92.67 \div 32.89$   
\_\_\_\_\_

19.  $5.548 \cdot 12.38$   
\_\_\_\_\_

20.  $88.42 \div 7.589$   
\_\_\_\_\_

21.  $90.05 \div 6.21$   
\_\_\_\_\_

22. Lisha works 20 hours per week at the bowling alley and makes \$8.55 an hour. She gets a raise of \$1.30 an hour. Approximately how much more will she make each week with her raise?
- \_\_\_\_\_

23. Miguel is able to save \$87.34 each month. He wants to buy a guitar that costs \$542.45. For about how many months will Miguel have to save before he can buy the guitar?
- \_\_\_\_\_

**LESSON**  
**3-1**

**Problem Solving**  
**Estimating with Decimals**

**Write the correct answer.**

1. The Spanish Club makes a profit of \$1.85 on every pie sold at a bake sale. The goal is to earn \$40.00 selling pies. Will the club have to sell more than or fewer than 20 pies to meet the goal?

---

2. Murray and 4 friends split the cost of a pizza, with each paying the same amount. Murray has \$3.36. The pizza costs \$14.20. Does Murray have enough to pay for his share? About how much is his share?

---

3. Luis has 22 MB of free space on his MP3 player. He wants to download 5 songs. They will take up 5.1, 4.1, 4.3, 8.2, and 3.6 MB of space. Does Luis have enough free space? About how much space is needed?

---

4. Debi has a gift certificate worth \$50 for a local book-and-music store. She decides to buy a book that costs \$18.95 and some CDs. Each CD costs \$13.99. How many CDs can she buy?

---

**Choose the letter for the best answer.**

This table shows the number of dollars foreign tourists spent while visiting different countries in 2003.

**Spending by Tourists in 2003**

Country	Amount Spent by Foreign Tourists (\$ billions)
United States	65.1
Spain	41.7
France	36.3
Italy	31.3
Germany	22.8
United Kingdom	19.5
China	17.4
Austria	13.6
Turkey	13.2
Greece	10.6
Mexico	9.5

5. The amount spent in which two countries was about equal to the amount spent in Italy?
  - A Austria and Turkey
  - B United Kingdom and China
  - C Germany and Greece
  - D Austria and China
6. About how much did tourists spend in Spain, France, and Italy all together?
 

F \$111 billion	H \$78 billion
G \$109 billion	J \$67 billion
7. If the amount spent by foreign tourists remains the same, about how much will foreign tourists spend in the United States over 5 years?
 

F \$120 billion	H \$350 billion
G \$250 billion	J \$450 billion