Name: 

Date:

# Rounding

**Directions:** Look at each number. Underline the digit in the hundreds place. Then, circle the digit in the tens place.

| | |
|---|---|
| **1** <br><br> 167 | **2** <br><br> 569 |
| **3** <br><br> 380 | **4** <br><br> 743 |
| **5** <br><br> 2,056 | **6** <br><br> 1,477 |
| **7** <br><br> 8,681 | **8** <br><br> 3,509 |

Name:                                                    Date:

# Rounding

**Directions:** Use the number line to round each item's price up to the next ten cents.

$0.00  $0.10  $0.20  $0.30  $0.40  $0.50  $0.60  $0.70  $0.80  $0.90  $1.00
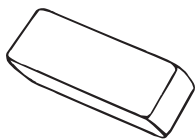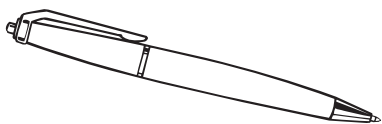
**1**

$0.26 rounds up to $_____.

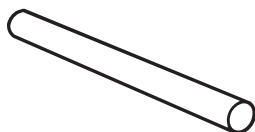**2**
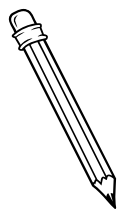
$0.55 rounds up to $_____.

**3**

$0.87 rounds up to $_____.

**4**

$0.74 rounds up to $_____.

**5**

$0.13 rounds up to $_____.

Why would you pay $0.40 instead of $0.30 for something that costs $0.32?

_____

_____

Name: _____     Date: _____

# Reasonableness

*REASONABLE SUMS*

**Directions:** Circle the most reasonable sum for each addition problem. Then, answer the questions.

---

**1**

$$\begin{array}{r} 68 \\ +34 \\ \hline \end{array}$$
70          100          160

Why is the number you circled the most reasonable answer?

_____

_____

Why are the other numbers unreasonable answers?

_____

_____

---

**2**

$$\begin{array}{r} 15 \\ +39 \\ \hline \end{array}$$
10          30          60

Why is the number you circled the most reasonable answer?

_____

_____

Why are the other numbers unreasonable answers?

_____

_____

Name: _____                    Date: _____

# Reasonableness

**Directions:** Read each word problem. Then, circle the most reasonable answer.

**1**

Grace practices the piano 3 to 5 times a week for 1 hour, plus 3 hours each weekend. What is a reasonable range for the total number of hours she practices each week?

less than 3 hours                    between 3 and 5 hours

between 6 and 8 hours                 more than 10 hours

**2**

Byron exercises for 1 hour in the morning 2 to 3 times a week, plus 1 hour in the evening 2 to 4 times a week. What is a reasonable range for the total number of hours he exercises each week?

less than 2 hours                    between 4 and 7 hours

between 2 and 3 hours                 more than 12 hours

**3**

Bryce walks his dog for 1 hour in the morning 5 to 6 times a week. What is a reasonable range for the total number of hours he walks his dog in 2 weeks?

less than 5 hours                    between 5 and 6 hours

between 10 and 12 hours               more than 18 hours
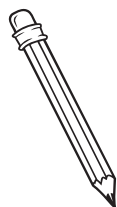
How did you find the most reasonable range for each problem?
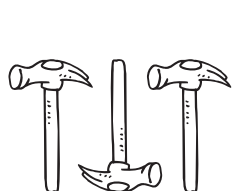
_____
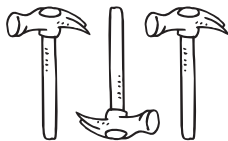
_____

Name:

Date:

# Estimation

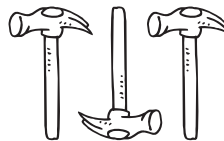**Directions:** Look at each row of items. Then, circle the estimated number of items.

**1**

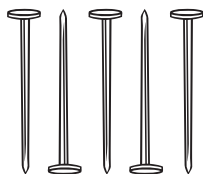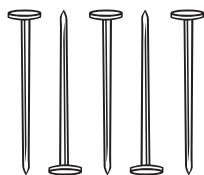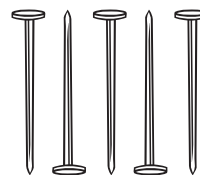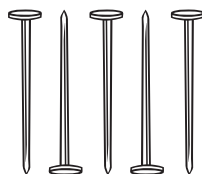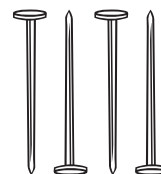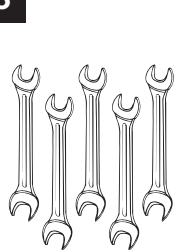about 10 hammers     about 20 hammers     about 30 hammers

**2**

about 5 nails     about 15 nails     about 25 nails
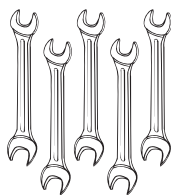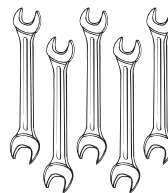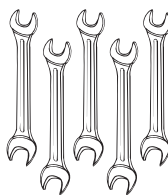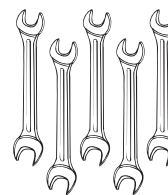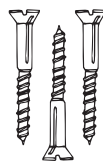
**3**
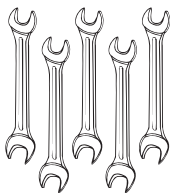
about 30 wrenches     about 40 wrenches     about 50 wrenches
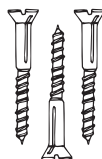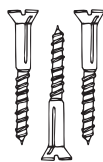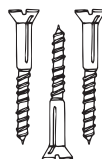
**4**

about 20 screws     about 30 screws     about 40 screws
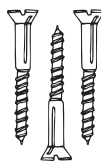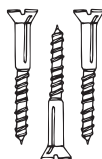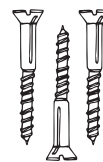
Name:                                                    Date:

# Estimation

**Directions:** Read each word problem. Then, circle the best estimate.

**1**

Lily's soccer team needs to raise $490.00 to buy a new goal post. Her team sells bags of popcorn to raise money. The team has sold $187.00 worth of popcorn. About how much more money does Lily's team still need to raise?

$200.00            $300.00            $600.00

**2**

A plumbing pipe in the Bensons' house breaks, and water leaks all over the bathroom floor. It will cost $672.00 to repair the pipe. The insurance company will pay $500.00 toward the cost. About how much will the Bensons have to pay for the repairs?

$100.00            $200.00            $500.00

**3**

Vince wrecks his car. The repairs cost $245.00. He writes a check for $100.00 and charges the rest to his credit card. About how much does Vince put on his credit card?

$350.00            $250.00            $150.00

**4**

Terry owes $580.00 for her new couch. She makes a payment of $300.00. About how much more does Terry owe?

$200.00            $300.00            $450.00