## Another Look!

## Additional <br> Practice 3-2 <br> Estimate Products



| Supplies |  |
| :--- | :--- |
| Electronic thermometers | \$19 each |
| Pulse monitors | $\$ 189$ each |
| Pillows | Telephones |

Use rounding to estimate.
Estimate $14 \times 189$.
You can round 14 to 10 and 189 to 200.
$10 \times 200=2,000$

Use compatible numbers to estimate.
Estimate $14 \times 189$.
Replace 14 with 15 and 189
with 200.
$15 \times 200=3,000$

The 14 pulse monitors will cost between \$2,000 and \$3,000.

1. About how much would it cost to buy 18 MP 3 players? About how much would it cost to buy 18 CD/MP3 players?

In 2-15, estimate each product.

| Electronics Prices |  |  |
| :--- | :---: | :---: |
| CD player | $\vdots 74.00$ |  |
| MP3 player | $\vdots$ | $\$ 99.00$ |
| CD/MP3 player | $\vdots 199.00$ |  |
| AM/FM radio | $\$ 29.00$ |  |

2. $184 \times 210$

Round 184 to $\qquad$ .

Round 210 to $\qquad$ .
Multiply $\qquad$ $\times$ $\qquad$ $=$ $\qquad$ .
5. $19 \times 718$
6. $888 \times 300$
7. $352 \times 20$
8. $520 \times 797$
9. $189 \times 46$
10. $560 \times 396$
11. $498 \times 47$
12. $492 \times 22$
13. $928 \times 89$
14. $308 \times 18$
15. $936 \times 410$
16. Laura's family is going on a vacation. They will drive 4,180 miles over the next two weeks. About how many miles will they drive on average each week?
17. Make Sense and Persevere A bus service drives passengers between Milwaukee and Chicago every day. They travel from city to city 8 times each day. The distance between the two cities is 89 miles. In February, there are 28 days. The company's budget allows for 28,000 total miles for February. Do you think the budget is reasonable? Explain.
18. Higher Order Thinking Explain whether rounding or compatible numbers gives a closer estimate for the product below.
$48 \times 123=5,904$
19. A case of 24 pairs of the same kind of sports shoes costs a little more than $\$ 800$. Explain whether $\$ 28$ per pair with tax included is a good estimate of the price.
20. The number of Adult tickets is the same as the number of Child (age 5-12) tickets. A total of 38 tickets was purchased. What is the total cost of the tickets? Explain.


## Assessment Practice

21. Which does NOT show a reasonable estimate of $360 \times 439$ ?
(A) 100,000
(B) 140,000
(C) 160,000
(D) 180,000
22. A club orders 124 T-shirts at a cost of $\$ 18$ each. Which is the best estimate of the total cost of the order?
(A) $\$ 1,000$
(B) $\$ 2,000$
(C) $\$ 3,000$
(D) $\$ 4,000$
