



Strategy Showdown

Directions: Choose Strategy A or B to make the more useful estimate. Then solve using that strategy.

1. A school collected 2,738 cans in spring and 1,264 cans in fall. About how many cans were collected in all?

A. Round to nearest hundred:

$$2,700 + 1,300$$

B. Round to nearest thousand: $3,000 + 1,000$

Best strategy: _____

Estimate: _____

2. A theater has 47 rows with 21 seats in each row. About how many seats are there?

A. Use compatible numbers:

$$50 \times 20$$

B. Round both numbers to tens: 50×20

Best strategy: _____

Estimate: _____

3. A warehouse divides 1,786 bottles equally among 29 shelves. About how many bottles go on each shelf?

A. Use compatible numbers:

$$1,800 \div 30$$

B. Round to hundreds and tens: $1,800 \div 30$

Best strategy: _____

Estimate: _____

4. A family drove 3,847 miles and has 1,163 miles left. About how long is the entire trip?

A. Round to nearest hundred:

$$3,800 + 1,200$$

B. Round to nearest thousand: $4,000 + 1,000$

Best strategy: _____

Estimate: _____

5. A store has 6,241 pencils and sells 2,856. About how many pencils remain?

A. Round to nearest hundred:

$$6,200 - 2,900$$

B. Round to nearest thousand: $6,000 - 3,000$

Best strategy: _____

Estimate: _____

6. A camp needs to divide 2,423 campers among 41 groups. About how many campers will be in each group?

A. Use compatible numbers:

$$2,400 \div 40$$

B. Round to thousands and tens: $2,000 \div 40$

Best strategy: _____

Estimate: _____