

Problem-Solving Decision: Estimate or Exact Answer?

1. At Minnie's Dollhouse Store, a package of 6 pieces of miniature furniture sells for \$27.50. At Dollhouses Etc., a package of 8 pieces of miniature furniture sells for \$40.24. Which is the better buy? Tell whether you used an estimate or an exact answer.

UNDERSTAND

What is the question?

What do you know?

PLAN

What can you do to compare the prices without finding an exact answer?

SOLVE

Did you use an estimate or did you find the exact answer?

Which store offers the better buy?

LOOK BACK

Is your answer reasonable?

Determine whether you need an estimate or an exact answer to solve the following question.

2. Tyrone needs to buy pencils for school. He can buy 12 pencils for \$3.00 or 20 pencils for \$4.60. Which should Tyrone buy? Tell whether you used an estimate or an exact answer.
