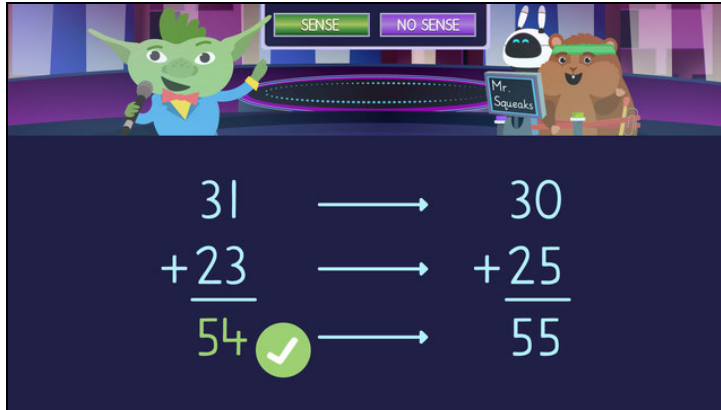


Worksheets to print out from [sofatutor.com](https://www.sofatutor.com)

Estimation in Word Problems



- 1 Use mental math to make compatible numbers.
- 2 Outline the steps for checking a word problem.
- 3 Is the answer reasonable, or not?
- 4 Determine how to solve the word problem.
- 5 Solve the word problem using estimation.
- 6 Use estimation to solve the word problem.
- + with many hints, answer keys, and solution approaches for all tasks



The complete package, **including all tasks, hints, solutions, and solution approaches**, is available to all subscribers of [sofatutor.com](https://www.sofatutor.com)

Use mental math to make compatible numbers.

Match the number on the left with the correct compatible number on the right.

\$67.99

A

1

\$55.00

\$53.99

B

2

\$45.00

\$38.99

C

3

\$70.00

\$42.99

D

4

\$40.00

Our hints for the tasks



Use mental math to make compatible numbers.

1. Hint

When **rounding up** or making **compatible numbers** always estimate to the closest **5** or **10**.

Examples:

17 becomes **20**.

63 becomes **65**.

2. Hint

When **rounding up** or making **compatible numbers** with *money*, always eliminate the **cents** and work only with full **dollars**.

Examples:

\$7.83 becomes **\$10.00**.

\$22.99 becomes **\$25.00**.

Solutions and solution approaches for the tasks



Use mental math to make compatible numbers.

Answer key: A—3 // B—1 // C—4 // D—2

- \$67.99 is **rounded up** to \$70.00.
- \$53.99 is **rounded up** to \$55.00.
- \$38.99 is **rounded up** to \$40.00.
- \$42.99 is **rounded up** to \$45.00.