

Estimate It Fast

Round numbers to find a close answer.

GRADE 3 • 3.CE.1.b

3.CE.1.b "Apply strategies (e.g., rounding to the nearest 10 or 100, using compatible numbers, using other number relationships) to estimate a solution for single-step or multistep addition or subtraction problems, including those in context..."

NAME _____

DATE _____

ROUND, THEN SOLVE

When you estimate, you find an answer that is close, not exact. Round each number to the place named, then add or subtract the rounded numbers.

WORKED EXAMPLE

Estimate $736 - 184$ by rounding to the nearest hundred.

1. Round 736 to 700.
2. Round 184 to 200.
3. Subtract: $700 - 200 = 500$.

Answer: About 500

PRACTICE 6 problems

- 1** Estimate $268 + 145$ by rounding to the nearest ten.

ANSWER _____

- 2** Estimate $612 - 278$ by rounding to the nearest hundred.

ANSWER _____

- 3** Estimate $483 - 157$ by rounding to the nearest ten.

ANSWER _____

- 4** Estimate $359 + 426$ by rounding to the nearest hundred.

ANSWER _____

- 5** Estimate $174 + 238 + 119$ by rounding to the nearest ten.

ANSWER _____

- 6** Estimate $905 - 341 + 186$ by rounding to the nearest hundred.

ANSWER _____

APPLY IT Show your work

- 1** At a school book fair, Mia has 438 bookmarks. She gives 167 bookmarks to classmates. About how many bookmarks does Mia have left? Round to the nearest ten.

WORK SPACE

ANSWER _____

- 2** During a reading week, Andre reads 246 pages on Monday, 173 pages on Tuesday, and 95 pages on Wednesday. About how many pages does he read altogether? Round to the nearest ten.

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A pet shelter collects 198 cans of food on Saturday and 302 cans on Sunday. It uses 147 cans during the weekend. Estimate how many cans are left by rounding each number to the nearest ten. Explain your steps.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Estimate $268 + 145$ by rounding to the nearest ten.	About 420
2	Estimate $612 - 278$ by rounding to the nearest hundred.	About 300
3	Estimate $483 - 157$ by rounding to the nearest ten.	About 320
4	Estimate $359 + 426$ by rounding to the nearest hundred.	About 800
5	Estimate $174 + 238 + 119$ by rounding to the nearest ten.	About 530
6	Estimate $905 - 341 + 186$ by rounding to the nearest hundred.	About 800

PART 2 • APPLY IT

1. **About 270 bookmarks** Round 438 to 440 and 167 to 170. Then subtract $440 - 170$ to get about 270.
2. **About 520 pages** Round 246 to 250, 173 to 170, and 95 to 100. Then add $250 + 170 + 100$ to get about 520.

CHALLENGE

About 350 cans. 198 rounds to 200, 302 rounds to 300, and 147 rounds to 150. Then $200 + 300 - 150 = 350$.

Accept answers labeled as estimates, such as “about 420.” Check that students round each number to the place named before they add or subtract.