LESSON MAKER PRO

Estimate It Right

Choose a number that is about the right size.

GRADE 2 · 2.NS.1.g

2.NS.1.g "Choose a reasonable estimate up to 1,000 when given a contextual problem (e.g., What would be the best estimate for the number of students in our school – 5, 50, or 500?)."

NAME _____ DATE _____

CHOOSE A CLOSE NUMBER

An estimate is a number that is close enough to help you think about how many. Look at whether the amount is closer to ones, tens, or hundreds. Then choose a number that is about the same size.

WORKED EXAMPLE

At a zoo, 318 people visit a reptile room in one day. Which is the best estimate: 30, 300, or 900?

1. 318 has hundreds.
2. 318 is close to 300.
3. 30 is too small. 900 is too big.

Answer: 300

PRACTICE 5 problems

1 A class collects 47 bottle caps. Which is the best estimate: 5, 50, or 500?

ANSWER _____

2 A toy store has 156 yo-yos. Which is the best estimate: 20, 200, or 800?

ANSWER _____

3 A library has 721 comic books. Which is the best estimate: 70, 700, or 1,000?

ANSWER _____

4 A pet shop has 9 kittens. Which is the best estimate: 10, 100, or 600?

ANSWER _____

5 A team picks up 408 pieces of litter. Which is the best estimate: 40, 400, or 600?

ANSWER _____

APPLY IT Show your work

1 Jayden's game club has 263 cards for a swap day. It needs a label showing about how many cards it has. Which label is best: 25 cards, 250 cards, or 750 cards?

WORK SPACE

ANSWER _____

2 At a school fun run, 845 students run. Which is the best estimate for the number of students: 80, 800, or 980?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A pet shelter says it has 592 donated towels. Maya says the best estimate is 60. Luis says the best estimate is 600. Who has the reasonable estimate? Explain why.

WORK SPACE AND ANSWER

ANSWER KEY

Estimate It Right

GRADE 2 · 2.NS.1.g

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A class collects 47 bottle caps. Which is the best estimate: 5, 50, or 500?	**50**
2	A toy store has 156 yo-yos. Which is the best estimate: 20, 200, or 800?	**200**
3	A library has 721 comic books. Which is the best estimate: 70, 700, or 1,000?	**700**
4	A pet shop has 9 kittens. Which is the best estimate: 10, 100, or 600?	**10**
5	A team picks up 408 pieces of litter. Which is the best estimate: 40, 400, or 600?	**400**

PART 2 · APPLY IT

1. **250 cards** 263 is close to 250. The other choices are much too small or too large.
2. **800** 845 is close to 800. 80 is too small, and 980 is farther away.

CHALLENGE

Luis. 592 is close to 600, and 60 is too small.

Accept the stated estimate for each item. For the challenge, accept any clear explanation that 592 is in the hundreds and is close to 600.