LESSON MAKER PRO

Tens and Ones

Add, subtract, estimate, and explain with numbers to 100.

GRADE 2 · 2.CE.1

2.CE.1 "The student will recall with automaticity addition and subtraction facts within 20 and estimate, represent, solve, and justify solutions to single-step and multistep problems, including those in context..."

NAME _____ DATE _____

USE TENS AND ONES

When you add, break each number into tens and ones. Combine the tens and combine the ones, then put the parts together. To estimate, round each number to the nearest ten before you add or subtract.

WORKED EXAMPLE

A game shelf has 46 puzzle pieces. Kai adds 23 more puzzle pieces. How many puzzle pieces are on the shelf now?

1. 46 = 40 + 6.
2. 23 = 20 + 3.
3. 40 + 20 = 60 and 6 + 3 = 9.
4. 60 + 9 = 69.

Answer: 69 puzzle pieces

PRACTICE 5 problems

1 Maya has 34 stickers. Her cousin gives her 25 more stickers. How many stickers does Maya have now?

ANSWER _____

2 A hamster's bowl has 72 seeds. The hamster eats 31 seeds. How many seeds are left?

ANSWER _____

3 Noah has 7 toy cars. He gets 9 more toy cars. How many toy cars does he have now?

ANSWER _____

4 A crayon box has 14 crayons. 6 are green, and the rest are red. Fill in the blank: 6 + ___ = 14

ANSWER _____

5 Tray A has 18 grapes and 12 strawberries. Tray B has 17 grapes and 13 strawberries. Write = or ≠: 18 + 12 ___ 17 + 13

ANSWER _____

APPLY IT Show your work

1 A school club collects 58 bottle caps on Monday and 27 bottle caps on Tuesday. Round each number to the nearest ten. About how many bottle caps did the club collect?

WORK SPACE

ANSWER _____

2 A pet shelter has 64 cats. Then 29 cats are adopted. How many cats are left at the shelter?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Jordan has 37 trading cards and wins 26 more cards. Jordan says he has 63 cards. Is Jordan right? Explain by using tens and ones.

WORK SPACE AND ANSWER

ANSWER KEY

Tens and Ones

GRADE 2 · 2.CE.1

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Maya has 34 stickers. Her cousin gives her 25 more stickers. How many stickers does Maya have now?	**59 stickers**
2	A hamster's bowl has 72 seeds. The hamster eats 31 seeds. How many seeds are left?	**41 seeds**
3	Noah has 7 toy cars. He gets 9 more toy cars. How many toy cars does he have now?	**16 toy cars**
4	A crayon box has 14 crayons. 6 are green, and the rest are red. Fill in the blank: 6 + ___ = 14	**8**
5	Tray A has 18 grapes and 12 strawberries. Tray B has 17 grapes and 13 strawberries. Write = or ≠: 18 + 12 ___ 17 + 13	**=**

PART 2 · APPLY IT

1. **90 bottle caps** 58 rounds to 60, and 27 rounds to 30. Then add 60 + 30 to get 90.
2. **35 cats** Subtract the adopted cats from the starting number: 64 - 29 = 35.

CHALLENGE

Yes. 30 + 20 = 50 and 7 + 6 = 13. Then 50 + 13 = 63.

Accept number answers with or without the unit named in the question. For the challenge, accept any correct explanation that shows 37 + 26 equals 63 by combining tens and ones.