LESSON MAKER PRO

Tens Team Totals

Group two-digit numbers to make adding easier.

GRADE 2 · 2.NBT.B.6

CCSS.Math.Content.2.NBT.B.6 "Add up to four two-digit numbers using strategies based on place value and properties of operations."

NAME _____ DATE _____

MAKE FRIENDLY GROUPS

When you add several two-digit numbers, put together numbers that are easy to add. Look for pairs that make a new ten, then add the totals.

WORKED EXAMPLE

A toy shelf has 24 cars, 36 trains, and 15 dolls. How many toys are on the shelf?

1. 24 + 36 = 60.
2. 60 + 15 = 75.

Answer: 75 toys

PRACTICE 5 problems

1 Ava has 18 star stickers, 22 heart stickers, and 14 animal stickers. How many stickers does Ava have?

ANSWER _____

2 A pet store has 31 fish, 19 hamsters, and 27 turtles. How many pets are there?

ANSWER _____

3 A game room has 43 red tokens, 17 blue tokens, 18 green tokens, and 22 yellow tokens. How many tokens are there?

ANSWER _____

4 A snack tray has 25 apple slices, 25 cheese cubes, and 13 crackers. How many snacks are on the tray?

ANSWER _____

5 Four toy bins hold 34 blocks, 26 balls, 11 puzzles, and 19 dolls. How many toys are in the bins?

ANSWER _____

APPLY IT Show your work

1 At a card swap, Jada gets 27 cards, Leo gets 18 cards, Mina gets 33 cards, and Omar gets 22 cards. How many cards do they get altogether?

WORK SPACE

ANSWER _____

2 For a class snack, there are 16 grapes, 23 strawberries, and 35 pretzels. How many snacks are there altogether?

WORK SPACE

ANSWER _____

CHALLENGE One step up

The class puts 29, 17, 31, and 27 books in four boxes. How many books are there? Write one sentence to tell how you added.

WORK SPACE AND ANSWER

ANSWER KEY

Tens Team Totals

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Ava has 18 star stickers, 22 heart stickers, and 14 animal stickers. How many stickers does Ava have?	**54 stickers**
2	A pet store has 31 fish, 19 hamsters, and 27 turtles. How many pets are there?	**77 pets**
3	A game room has 43 red tokens, 17 blue tokens, 18 green tokens, and 22 yellow tokens. How many tokens are there?	**100 tokens**
4	A snack tray has 25 apple slices, 25 cheese cubes, and 13 crackers. How many snacks are on the tray?	**63 snacks**
5	Four toy bins hold 34 blocks, 26 balls, 11 puzzles, and 19 dolls. How many toys are in the bins?	**90 toys**

PART 2 · APPLY IT

1. **100 cards** Add 27 + 18 to get 45. Add 33 + 22 to get 55, then add 45 + 55 to get 100.
2. **74 snacks** Add 16 + 23 to get 39. Then add 39 + 35 to get 74.

CHALLENGE

There are 104 books because 29 + 31 = 60 and 17 + 27 = 44, and 60 + 44 = 104.

Accept any correct total and any valid grouping or place-value strategy. For the challenge, accept a one-sentence explanation that shows a correct way to combine all four numbers.