LESSON MAKER PRO

Different Value Detectives

Find out when two amounts are not the same.

GRADE 2 · 2.CE.1.i

2.CE.1.i "Describe the not equal symbol (≠) as representing a relationship where expressions on either side of the not equal symbol represent different values and justify reasoning."

NAME _____ DATE _____

WHAT ≠ MEANS

The symbol ≠ means "is not equal to." It tells you that the value on one side is different from the value on the other side. Find each value, then decide if they are different.

WORKED EXAMPLE

A bin has 7 red counters and 2 blue counters. Is 7 + 2 ≠ 10 true or false?

1. Find the left side: 7 + 2 = 9.
2. Find the right side: 10 = 10.
3. 9 and 10 are different.
4. So 7 + 2 ≠ 10 is true.

Answer: True. 9 ≠ 10.

PRACTICE 5 problems

1 Mia has 3 stickers. Leo has 5 stickers. Is 3 ≠ 5 true or false? Write both values.

ANSWER _____

2 One plate has 6 apple slices. Another plate has 1 + 5 apple slices. Is 6 ≠ 1 + 5 true or false?

ANSWER _____

3 A puppy has 8 treats. A kitten has 3 + 3 treats. Is 8 ≠ 3 + 3 true or false?

ANSWER _____

4 Noah has 11 toy blocks. Ella has 12 - 1 toy blocks. Is 11 ≠ 12 - 1 true or false?

ANSWER _____

5 One bag has 1 + 5 marbles. Another bag has 4 + 4 marbles. Is 1 + 5 ≠ 4 + 4 true or false?

ANSWER _____

APPLY IT Show your work

1 At a game, Jada earns 12 points. Amir earns 8 points and then 3 more points. Does 12 ≠ 8 + 3 show the correct relationship? Explain.

WORK SPACE

ANSWER _____

2 At a pet show, one table has 5 fish toys and 6 bird toys. Another table has 3 cat toys and 8 dog toys. Does 5 + 6 ≠ 3 + 8 show the correct relationship? Explain.

WORK SPACE

ANSWER _____

CHALLENGE One step up

A craft table has 6 red beads and 6 green beads. Another table has 14 beads, but 3 are used. Is 6 + 6 ≠ 14 - 3 true or false? Explain using the two values.

WORK SPACE AND ANSWER

ANSWER KEY

Different Value Detectives

GRADE 2 · 2.CE.1.i

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Mia has 3 stickers. Leo has 5 stickers. Is 3 ≠ 5 true or false? Write both values.	**True. 3 ≠ 5.**
2	One plate has 6 apple slices. Another plate has 1 + 5 apple slices. Is 6 ≠ 1 + 5 true or false?	**False. 6 = 6.**
3	A puppy has 8 treats. A kitten has 3 + 3 treats. Is 8 ≠ 3 + 3 true or false?	**True. 8 ≠ 6.**
4	Noah has 11 toy blocks. Ella has 12 - 1 toy blocks. Is 11 ≠ 12 - 1 true or false?	**False. 11 = 11.**
5	One bag has 1 + 5 marbles. Another bag has 4 + 4 marbles. Is 1 + 5 ≠ 4 + 4 true or false?	**True. 6 ≠ 8.**

PART 2 · APPLY IT

1. **Yes. 12 ≠ 11.** Find Amir's score: 8 + 3 = 11. Jada has 12 points, so the scores are different.
2. **No. 11 = 11.** Find both totals: 5 + 6 = 11 and 3 + 8 = 11. The totals are the same, so ≠ is not correct.

CHALLENGE

True. 6 + 6 = 12 and 14 - 3 = 11, so 12 ≠ 11.

Accept true or false, or yes or no, when the student also shows the correct values. For the challenge, accept an explanation that states the two totals are 12 and 11 and are different.