LESSON MAKER PRO

Math Claim Detectives

Solve, check, and explain.

GRADE 2 · 2.MP.3

2.MP.3 "Construct viable arguments and critique the reasoning of others."

NAME _____ DATE _____

CHECK THE CLAIM

Solve the story first. Then check the answer and tell why it is right or wrong.

WORKED EXAMPLE

Noah has 9 toy cars. He gets 6 more. Noah says he has 14. Is he right?

1. Add: 9 + 6 = 15.
2. Compare 15 and 14.
3. Noah's claim is wrong.

Answer: No. Noah has 15 toy cars.

PRACTICE 4 problems

1 Mia has 4 red blocks and 3 blue blocks. Mia says she has 8 blocks. Is Mia right?

ANSWER _____

2 Eli has 8 balloons. 1 balloon pops. Eli says 8 - 1 = 7. Does his check make sense?

ANSWER _____

3 Sam has 2 puppy treats. He gets 2 more. Sam says he has 5 treats. Is Sam right?

ANSWER _____

4 Bea has 10 shells. She gives 3 away. Bea says she has 8 shells. Is Bea right?

ANSWER _____

APPLY IT Show your work

1 Kai has 12 trading cards. He gives 5 cards to a friend. Kai says he has 8 cards left. Is Kai right? Explain.

WORK SPACE

ANSWER _____

2 A game team has 13 points. The team earns 4 more points. Lee says the team has 16 points. Is Lee right? Explain.

WORK SPACE

ANSWER _____

CHALLENGE One step up

Rosa has 18 beads. She gives 7 beads away. Rosa says she has 11 beads left. Omar says she has 12 beads left. Who is right? Use an addition check.

WORK SPACE AND ANSWER

ANSWER KEY

Math Claim Detectives

GRADE 2 · 2.MP.3

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Mia has 4 red blocks and 3 blue blocks. Mia says she has 8 blocks. Is Mia right?	**No. 4 + 3 = 7, so Mia has 7 blocks.**
2	Eli has 8 balloons. 1 balloon pops. Eli says 8 - 1 = 7. Does his check make sense?	**Yes. 7 + 1 = 8.**
3	Sam has 2 puppy treats. He gets 2 more. Sam says he has 5 treats. Is Sam right?	**No. 2 + 2 = 4, so Sam has 4 treats.**
4	Bea has 10 shells. She gives 3 away. Bea says she has 8 shells. Is Bea right?	**No. 10 - 3 = 7, so Bea has 7 shells.**

PART 2 · APPLY IT

1. **No. Kai has 7 cards left.** Subtract 5 from 12. Check: 7 + 5 = 12.
2. **No. The team has 17 points.** Add 13 and 4. Lee's total is 1 too small.

CHALLENGE

Rosa is right. 11 + 7 = 18.

Accept correct totals with a matching addition or subtraction check. Accept short explanations that clearly say whether the claim is right or wrong.