LESSON MAKER PRO

Integer Score Moves

Add and subtract positive and negative numbers.

GRADE 6 · MA.6.NSO.4.1

MA.6.NSO.4.1 "Apply and extend previous understandings of operations with whole numbers to add and subtract integers with procedural fluency."

NAME _____ DATE _____

INTEGER MOVES

To add integers with different signs, subtract the smaller absolute value from the larger absolute value and use the sign of the number farther from zero. To subtract an integer, add its opposite, then use the addition rule.

WORKED EXAMPLE

-36 + 19

1. The signs are different, so subtract the absolute values.
2. 36 - 19 = 17.
3. -36 has the greater absolute value, 36. Use the negative sign of the addend -36.
4. -36 + 19 = -17

Answer: -17

PRACTICE 6 problems

1 -8 + 13

ANSWER _____

2 16 + (-27)

ANSWER _____

3 -14 + (-9)

ANSWER _____

4 31 - 16

ANSWER _____

5 -6 - 12

ANSWER _____

6 -20 - (-13)

ANSWER _____

APPLY IT Show your work

1 In a video game, Mara's score is -24 points after a penalty. She then earns 38 points. What is her new score?

WORK SPACE

ANSWER

2 In a fictional arcade account that allows a negative balance, Jalen starts with $12. He spends $29, then adds $8 to the card. What is the final balance?

WORK SPACE

ANSWER

CHALLENGE One step up

Evaluate: -28 - (-15) + (-22) - (-9)

WORK SPACE AND ANSWER

ANSWER KEY

Integer Score Moves

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	-8 + 13	**5**
2	16 + (-27)	**-11**
3	-14 + (-9)	**-23**
4	31 - 16	**15**
5	-6 - 12	**-18**
6	-20 - (-13)	**-7**

PART 2 · APPLY IT

1. **14 points** Add the points she earns to her current score: -24 + 38 = 14.
2. **-$9** Subtract the amount spent, then add the amount loaded: 12 - 29 + 8 = -9. The negative balance means $9 is owed.

CHALLENGE

-26

Accept answers written with or without a plus sign for positive integers. For the arcade card problem, accept -$9 or a statement that Jalen owes $9.