



SAMPLE MATERIAL

Written Feedback on Classwork in Elementary Math

Don Pedro Elementary School, California

Topic: Encouraging Girls in Math and Science

Practice: Prescriptive Feedback

A sixth-grade teacher at Don Pedro Elementary School asked students to complete this worksheet after she had conducted a lesson on integers. Once the students had completed the worksheet, the teacher reviewed it to check for student understanding and to provide written positive feedback to students. The feedback provided students with praise on specific problem-solving strategies and guided students to correct misunderstandings. The teacher usually provides same-day feedback on class assignments and tests, to provide immediate feedback on progress and suggestions for further learning.

LESSON 12.2

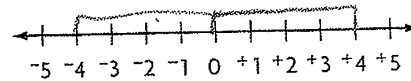
Name _____

Algebra: Add Integers

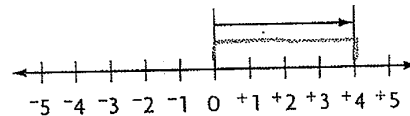
You can use a number line to help you add integers.

Find the sum $+4 + -8$.

- Draw a number line.

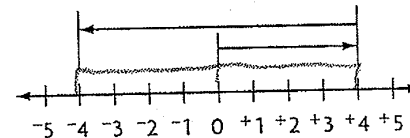


- Start at 0. Move 4 spaces to the right to show $+4$.



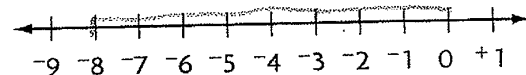
- From $+4$, move 8 spaces to the left to show -8 .

So, $+4 + -8 = -4$.

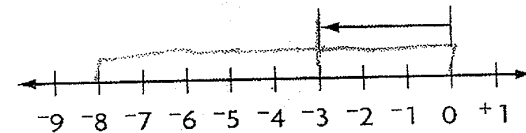


Find the sum $-3 + -5$.

- Draw a number line.

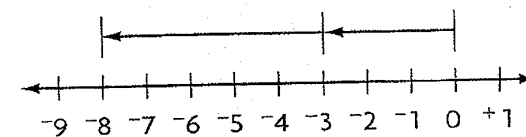


- Start at 0. Move 3 spaces to the left to show -3 .



- From -3 , move 5 spaces to the left to show -8 .

So, $-3 + -5 = -8$.



Use a number line to find each sum.

1. $+7 + -4 = +3$

2. $-8 + -2 = -6$

3. $+5 + -3 = +2$

4. $-6 + -3 = -3$

5. $+5 + -8 = -3$

6. $-4 + -9 = -13$

7. $+7 + -2 = +5$

8. $-3 + +5 = +2$

9. $-1 + -6 = -7$

10. $-2 + +6 = +4$

11. $+8 + -3 = +5$

12. $-2 + -5 = -7$

, you did a good job using the number line examples to solve your problems. Please review problems #2 and #4 and review the second example above to solve these problems.

Reteach RW55

Name _____

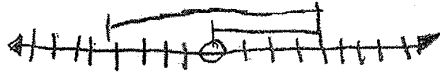
LESSON 12.2

Algebra: Add Integers

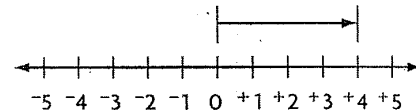
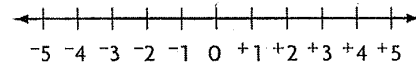
You can use a number line to help you add integers.

Find the sum $+4 + -8$.

- Draw a number line.

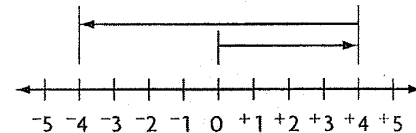


- Start at 0. Move 4 spaces to the right to show $+4$.



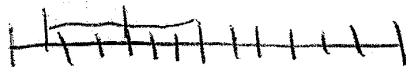
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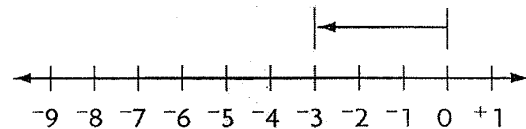
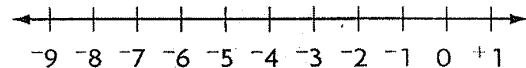


Find the sum $-3 + -5$.

- Draw a number line.

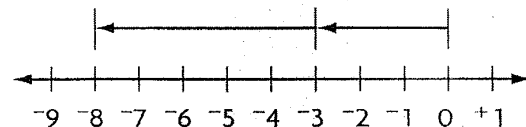


- Start at 0. Move 3 spaces to the left to show -3 .



- From -3 , move 5 spaces to the left to show -8 .

So, $-3 + -5 = -8$.



Use a number line to find each sum.

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2. $-8 + -2 = -10$

3. $+5 + -3 = +2$

4. $-6 + -3 = -8$

5. $+5 + -8 = -3$

6. $-4 + -9 = -13$

7. $+7 + -2 = +5$

8. $-3 + +5 = +2$

9. $-1 + -6 = -7$

10. $-2 + +6 = +4$

11. $+8 + -3 = +5$

12. $-2 + -5 = -7$

You did a good job using the examples above to solve your problems. Please review problems #4 and #8, and use example number 1 above to help you solve those problems.

Reteach RW55

LESSON 12.2

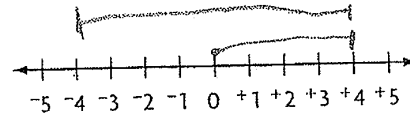
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Algebra: Add Integers

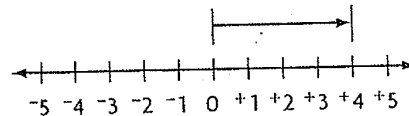
You can use a number line to help you add integers.

Find the sum $+4 + -8$.

- Draw a number line.

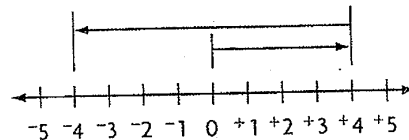


- Start at 0. Move 4 spaces to the right to show $+4$.



- From $+4$, move 8 spaces to the left to show -8 .

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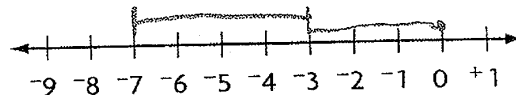


Find the sum $-3 + -5$.

- Draw a number line.

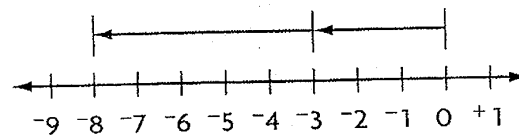
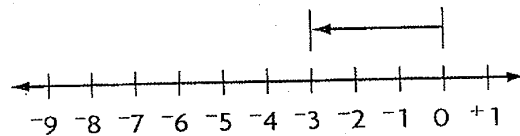
$$-3 + -5 = -8$$

- Start at 0. Move 3 spaces to the left to show -3 .



- From -3 , move 5 spaces to the left to show -8 .

So, $-3 + -5 = -8$.



Use a number line to find each sum.

1. $+7 + -4 = +3$

2. $-8 + -2 = +10$

3. $+5 + -3 = +2$

4. $-6 + -3 = -9$

5. $+5 + -8 = -3$

6. $-4 + -9 = -13$

7. $+7 + -2 = +5$

8. $-3 + +5 = +2$

9. $-1 + -6 = -7$

10. $-2 + +6 = +4$

11. $+8 + -3 = +5$

12. $-2 + -5 = -7$

you did an excellent job using the number lines to add integers. Please review your answer for #2 and the second example above to correct your answer. Reteach RW55

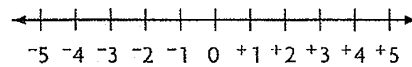
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LESSON 12.2

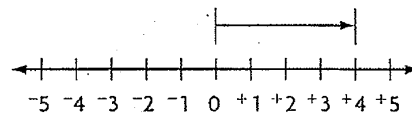
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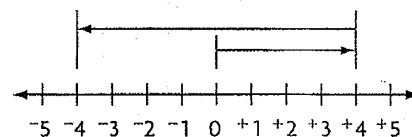


- Start at 0. Move 4 spaces to the right to show $+4$.



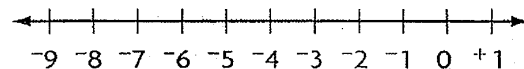
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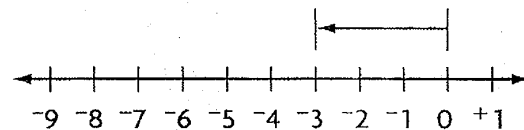


Find the sum $-3 + -5$.

- Draw a number line.

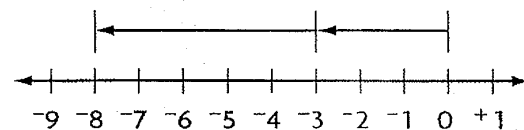


- Start at 0. Move 3 spaces to the left to show -3 .



- From -3 , move 5 spaces to the left to show -8 .

So, $-3 + -5 = -8$.



Use a number line to find each sum.

1. $+7 + -4 = 3$

2. $-8 + -2 = -10$

3. $+5 + -3 = 2$

4. $-6 + -3 = -9$

5. $+5 + -8 = -3$

6. $-4 + -9 = -13$

7. $+7 + -2 = 5$

8. $-3 + +5 = 2$

9. $-1 + -6 = -7$

10. $-2 + +6 = 4$

11. $+8 + -3 = 5$

12. $-2 + -5 = -7$

10. $111 - 141 = -30$

8. $111 - 111 = 0$

3. $111 - 111 = 0$

5. $111 - 111 = 0$

11. $111 - 111 = 0$