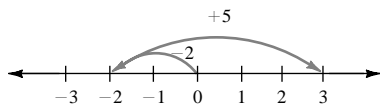


2.2

Addition of Positive and Negative Integers

• Example 1

Find the sum $-2 + 5$.



Since the first addend is *negative*, we start by moving *left*.

First move 2 units *to the left* of 0. Then, to add 5, move 5 units *back to the right*. We see that

$$-2 + 5 = 3$$

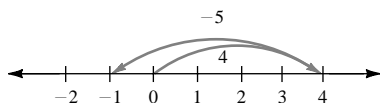
● ● ● CHECK YOURSELF 1

Find the sum.

$$-7 + 9$$

• Example 2

Find the sum $4 + (-5)$.



Move 4 units *to the right* of 0. Then move 5 units *back to the left* to add negative 5.

$$4 + (-5) = -1$$

● ● ● CHECK YOURSELF 2

Find the sum.

$$3 + (-7)$$

● ● ● CHECK YOURSELF ANSWERS

1. 2. 2. -4.
-

2.2 Exercises

Name _____

Section _____

Date _____

A N S W E R S

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
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16. _____
17. _____
18. _____

Add.

- | | |
|-----------------|-----------------|
| 1. $4 + (-6)$ | 2. $9 + (-2)$ |
| 3. $(-11) + 5$ | 4. $5 + (-8)$ |
| 5. $(-16) + 15$ | 6. $(-12) + 10$ |
| 7. $-9 + 10$ | 8. $-6 + 8$ |
| 9. $5 + (-20)$ | 10. $7 + (-13)$ |
| 11. $-8 + 5$ | 12. $-7 + 3$ |
| 13. $6 + (-3)$ | 14. $11 + (-7)$ |
| 15. $7 + (-2)$ | 16. $8 + (-9)$ |
| 17. $-10 + 7$ | 18. $9 + (-5)$ |