

LESSON**1-1****Identifying Integers and Their Opposites****Reteach**

Positive numbers are greater than 0. Use a positive number to represent a gain or increase. Include the positive sign (+).

an increase of 10 points +10

a flower growth of 2 inches +2

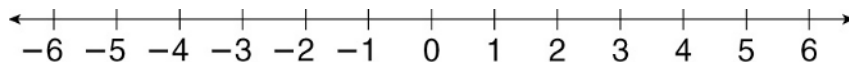
a gain of 15 yards in football +15

Negative numbers are less than 0. Use a negative number to represent a loss or decrease. Also use a negative number to represent a value below or less than a certain value. Include the negative sign (-).

a bank withdrawal of \$30 -30

a decrease of 9 points -9

2° below zero -2



negative numbers

positive numbers

Opposites are the same distance from zero on the number line, but in different directions. -3 and 3 are opposites because each number is 3 units from zero on a number line.

Integers are the set of all whole numbers, zero, and their opposites.

Name a positive or negative number to represent each situation.

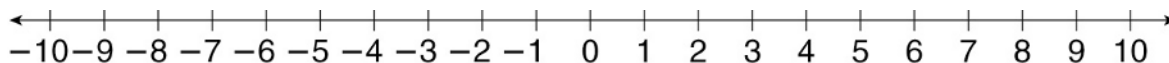
1. an increase of 3 points

2. spending \$10

3. earning \$25

4. a loss of 5 yards

Write each integer and its opposite. Then graph them on the number line.



5. -1

6. 9

7. 6

8. -5

UNIT 1: Numbers

MODULE 1 Integers

LESSON 1-1

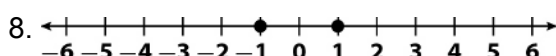
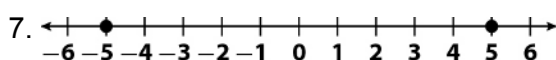
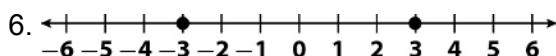
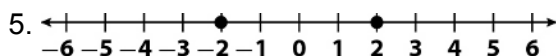
Practice and Problem Solving: A/B

1. +85 or 85

2. -3

3. -5

4. +98 or 98



9. -4

10. +2 or 2

11. +535 or 535

12. -8

13. Death Valley: -282; Mount McKinley: +20,320 or 20,320

14. No. There are no whole numbers between 0 and 1, so there are no integers between 0 and 1.

Practice and Problem Solving: C

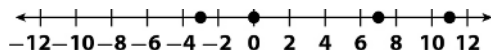
1. +7 or 7; -3

2. +30 or 30; -12

3. -5; +11 or 11

4. +32 or 32; -32

5. -8.



9. +120 or 120; -120

10. -23; +23 or 23

11. 0; -32

12. -212; -100; no

13. An integer and its opposite are the same distance (in the opposite directions) from 0 on the number line. For example, -7 and 7 are opposites and are the same distance from 0 on the number line.

Practice and Problem Solving: D

1. B

2. B

3. +2 or 2

4. -3

5. +20 or 20

6. -25

7. -38

8. -20

Reteach

1. +3 or 3

2. -10

3. +25 or 25

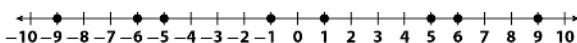
4. -5

5. -1; 1; see number line below.

6. 9; -9; see number line below.

7. 6; -6; see number line below.

8. -5; 5; see number line below.



Reading Strategies

1. +25 or 25

2. +1,195 or 1,195

3. +12 or 12

4. -50

5. -87

6. -3,000

Success for English Learners

1. saving money

2. their opposites