

7th Grade
Oct 6, 2020

Please get out
your WS on
subtracting
integers.

Today we will:
-Review
yesterday's HW WS
-Take "Math
Antics" video
notes
-If time, play "I
Have, Who Has..."
with integer
subtraction



HOMEWORK:

Video notes

THQ due Friday Oct 9

ALEKS-60 minutes



NAME _____ DATE _____ PERIOD _____

Lesson 3 Skills Practice

Subtracting Integers

Find each difference.

1. $-2 - (-8)$

6

2. $4 - (-11)$

15

$-7 + -6$

3. $-7 - 6$

-13

4. $15 - 2$

13

5. $-7 - (-1)$

-6

6. $1 - 9$

-8

7. $-5 - (-3)$

-2

8. $6 - (-5)$

11

9. $-4 - (-10)$

6

10. $4 - 6$

-2

11. $0 - (-15)$

15

12. $-16 - (-10)$

-6

13. $0 - 16$

-16

14. $11 - (-9)$

20

15. $-9 - 1$

-10

16. $-1 - (-8)$

7

17. $1 - (-2)$

3

18. $-2 - (-19)$

17

19. $13 - 17$

-4

20. $20 - (-15)$

35

21. $-10 - (-21)$

11

22. $4 - 22$

-18

23. $-8 - 16$

-24

24. $12 - (-9)$

21

Find the distance between the integers on a number line.

25. 8 and -9

17

26. -10 and 0

10

27. -6 and 6

12

28. -5 and 13

18

29. 22 and 2

20

30. 8 and -21

29

31. 0 and 13

13

32. -4 and -7

3

33. -6 and -22

16

34. -7 and -22

15

35. -33 and -39

6

36. -12 and 32

44



ICA

7th Grade



In-Class Notes: We are going to watch a Math Antics Video to help further understand adding and subtracting integers.



Grade 7 - Ch 2 Lessons 2 & 3 - Adding/Subtracting Integers

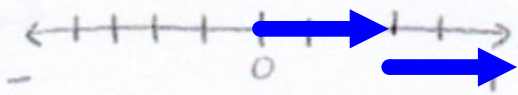
Rule 1

Adding a negative $+[-]$
 is the same as
 subtracting a positive $-[+]$

Rule 2

Subtracting a negative $-[-]$
 is the same as
 adding a positive $+ [+]$

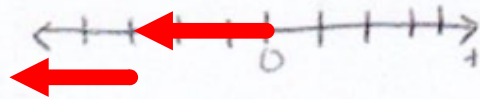
Case 1



Answer is always positive

Examples: $7 + 3 = 10$
 $7 - (-3) = 10$

Case 3



Answer is always negative

Examples: $-7 + (-3) = -10$
 $-7 - 3 = -10$

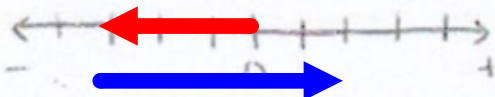
Case 2



Answer could be positive, negative, or zero

Examples: $8 - 5 = 3$ $8 - 8 = 0$
 $8 - 10 = -2$

Case 4




Answer could be positive, negative, or zero

Examples: $-8 + 5 = -3$ $-8 + 10 = 2$
 $-8 + 8 = 0$

Strategy

- ① Am I starting with a positive number or a negative number?
- ② Am I making it bigger or smaller?
 $+ [+]$ or $- [-]$ $- [+]$ or $+ [-]$
- ③ Will my answer be positive, negative, or zero?

"I Have, Who Has...?" Problems  Who ha!!

$$-14 + (-4) =$$

$$6 + (-8) =$$

$$5 - 12 =$$

$$-3 + 9 =$$

$$-3 + (+7) = 4$$

$$8 - 9 = -1$$

$$-3 - (-3) = 0$$

$$2 - 8 = -6$$

$$-12 - 14 = -26$$

$$4 + (-7) = -3$$

$$6 + (-10) = -4$$

$$1 - 9 = -8$$

$$5 + (+6) = 11$$

$$3 - 2 = 1$$

$$-11 + (+14) = 3$$

$$-15 + 16 = -31$$

$$3 + (+9) = 12$$

$$-6 + (-16) = -22$$

$$2 - 18 =$$

$$-3 + (-6) + (-8) =$$

$$4 + (-9) + (-5) =$$

$$-9 + 8 - (-3) =$$

$$-4 + (-6) + (-9) =$$

$$7 - (-3) + (-15) =$$

$$2 - (-9) - (-12) =$$

$$4 - 6 + 9 =$$

$$12 - 24 =$$

$$-19 - 18 =$$

$$-14 + 28 =$$

$$-9 + (-6) =$$

$$-8 + 18 =$$



