



Warm Up Grade 7

unit 2: day 2

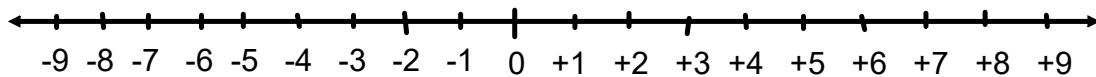
SOLUTIONS

1) Represent each scenario with an integer

- a) You owe your mom \$52 **+52**
- b) You descend 10 stairs **-10**
- d) Oven is turn on to 350°F **+350**

2) Put the following integers in order from LARGEST to SMALLEST

+7, -12, 0, -7, +10



+10, +7, 0, -7, -12

3) The opposite integer to +8 is -8

Homework Solutions for 7W

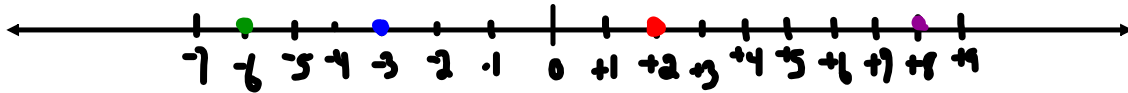
1. Mark each integer on a number line.

a) +2

b) -6

c) -3

d) +8



2. Use a positive or negative integer to represent each situation.

a) The water level rises 4 cm after a low tide.

b) The average temperature close to the South Pole is 50°C below 0°C.

c) You earned \$19 since yesterday.

d) The time is 11 s before blast-off.

e) You walk down 7 stairs.

f) You ride up 6 floors on an elevator.

g) The golfer took 3 strokes fewer than par.

2a) +4 b) -50 c) +19 d) -11 e) -7 f) +6 g) -3

4. Order the integers in each set from least to greatest.

a) +5, -3, +4

b) 0, +6, -6

c) +6, -6, +5, +3, -3

d) -8, +9, -10, +11, -12

e) 0, +2, -3, +4, -6

f) -30, +25, -12, -5, +7

a) -3, +4, +5

b) -6, 0, +6

c) -6, -3, +3, +5, +6

d) -12, -10, -8, +9, +11

e) -6, -3, 0, +2, +4

f) -30, -12, -5, +7, +25

5. Copy each statement. Use < or > to show which number in each pair is greater. Use a number line if it helps.

a) +2 < +8

b) 0 > -5

c) -7 < 0

d) +250 > -251

e) -100 < -70

f) -361 < -360

Review From Last Day

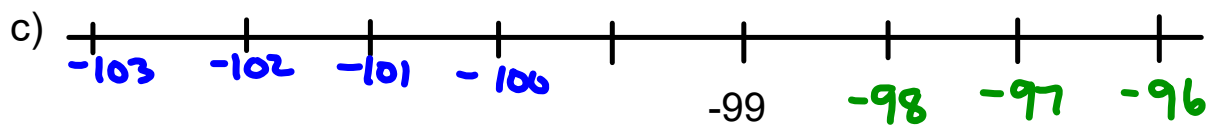
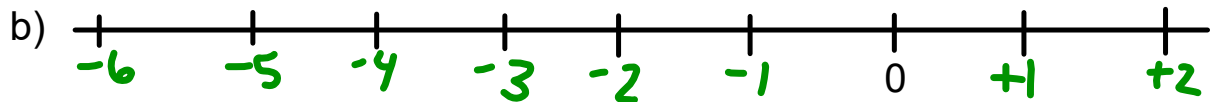
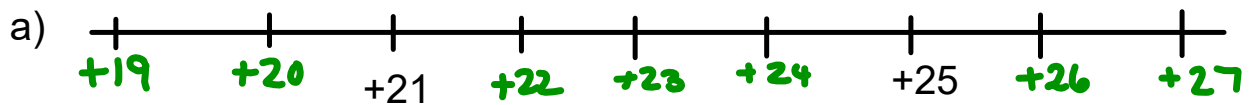
1) Put the integers in order from smallest to largest

a) ~~-8~~, ~~-11~~, ~~0~~, +5, ~~-16~~, +17, +50, ~~-1~~

~~-16~~, ~~-11~~, ~~-9~~, ~~-1~~, 0, +5, +17, +50

b) +21, +20, +15, -15, -11, +23, -2, -30

2) Complete the number line



3) Use $>$ or $<$ to make the statement true

a) $-25 \underline{>} -27$
B

b) $+11 \underline{>} -4$
B

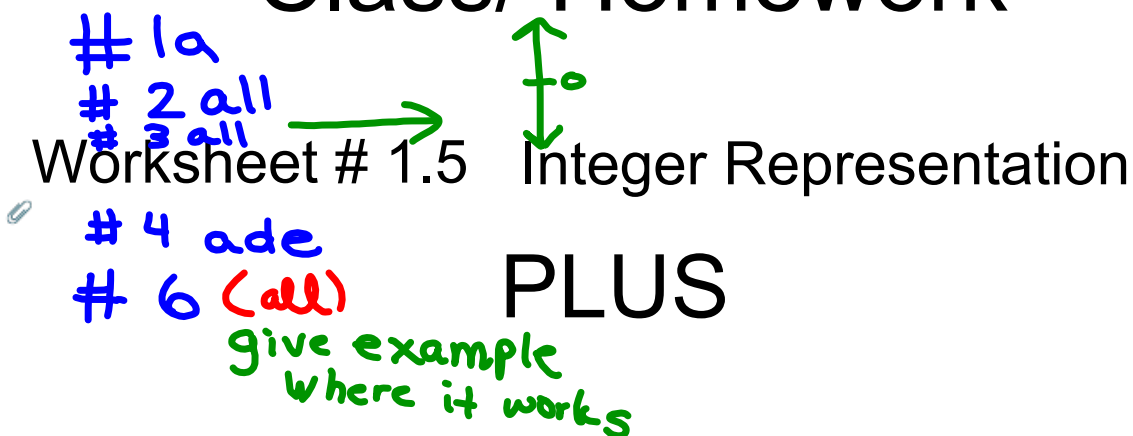
c) $-80 \underline{<} +1$

Class/ Homework

1a
2 all
3 all
Worksheet # 1.5 → Integer Representation

4 ade
6 (all) PLUS

give example
where it works



Grade 7 Worksheet: Review Of Integers Continued
also next slide

Grade 7 Worksheet: Review Of Integers Continued

1) Use the number line to decode the numbers into words.

a. +2, -2, +4 b. +3, -4, 0, -1

M C P X O A U D L S B G Y M Q

2) Copy. Use > or < to make a true statement.

a. $+6 \bigcirc +2$ b. $-6 \bigcirc +2$ c. $-6 \bigcirc -2$
 d. $+6 \bigcirc -2$ e. $-8 \bigcirc -5$ f. $-3 \bigcirc +10$

3) Arrange from least to greatest.

a. +2, -1, 0, +8, -5
 b. -7, +1, -4, 7, +2
 c. 0, +9, -6, +4, -1

4) Arrange from greatest to least.

a. +1, -4, +5, -8, -3
 b. +3, 0, -3, +4, -7
 c. -5, 7, -4, -6, 0

5) A thermometer shows a vertical number line. The temperatures in the chart were read from a thermometer in Yellowknife.

Date	High temperature	Low temperature
Jan. 1	-8°C	-18°C
Mar. 1	-24°C	-31°C
May 1	+11°C	0°C
July 1	+20°C	+11°C
Nov. 1	-5°C	-10°C

a. Which day was coldest?
 b. Which day was warmest?
 c. Was it warmer on Jan. 1 or Nov. 1?
 d. Was it colder on Mar. 1 or Nov. 1?

Try

Attachments

Integers Worksheet 1.docx

Worksheet Review of integers continued.pdf