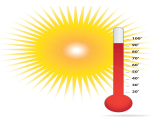


Warm-Up From Grade 5 & Yesterday

Date:_____

1) What place value is the underlined digit?

A) 67 890 — ones, tens, hundreds, thousands

B) 4 369 — tens

c) 548 600 — hundred thousands

d) 261 — ones

2) Write the following in expanded form 50 123

50 000 + 100 + 20 + 3

● ⇒ + 0 ⇒ -

3) Draw tiles for a) +9 b) -7

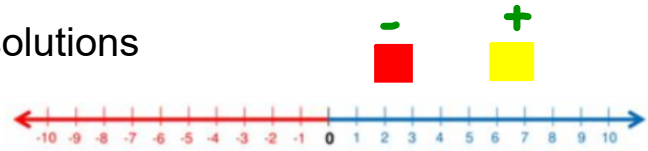
a) +9 ●●●●●●●●●

b) -7 0000000

4) What is the opposite integer of -25?

+25

Homework solutions



1a)  is −7

1c) is +4

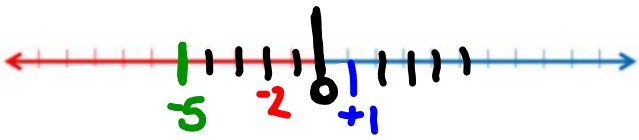
2a) -6 is 

2c) +5 is 

3a) +1

3b) -5

3c) -2

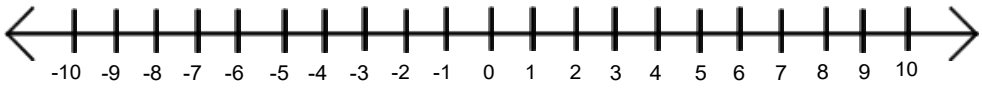


#4a) +3 is opposite to -3 

4c) -1 is opposite to +1 

The pattern I see is Same distance from zero

What Integer am I?

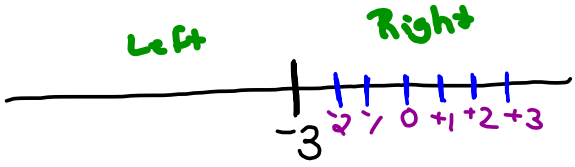


Left Right

a. 2 units to the left of -5

-7

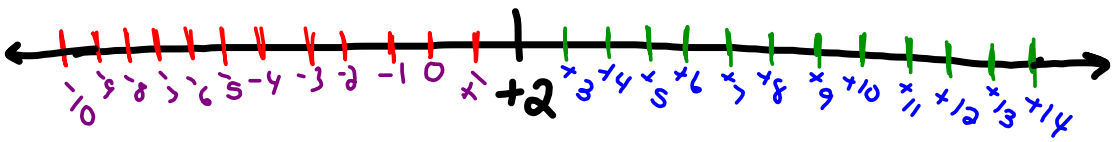
b. 6 units to the right of -3



$+3$

c) Give two integers that is 12 units away from +2

-10 , $+14$



Class/Homework (Flex)

Page 76-77

#5(abcd)

#6ace

#7ab

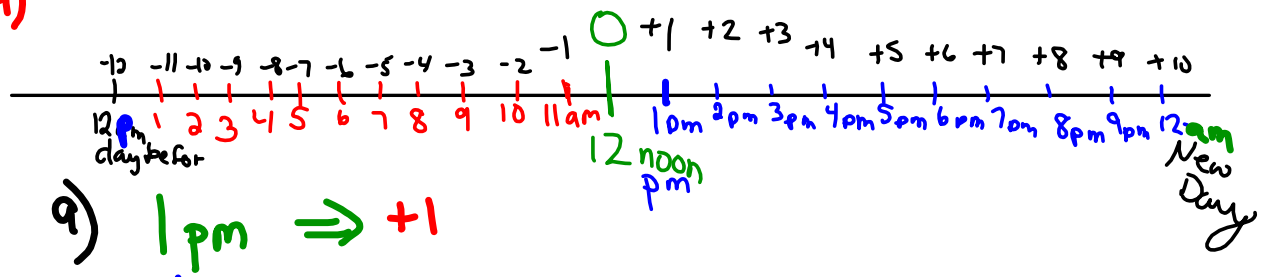
9abc

Ex) 100
no sign
+ 100

5a) dug a hole 1m deep -1m

b) deposit $50

9)



9) 1pm ⇒ +1

b) 10am ⇒ -2

Class/Homework

Practice

1. Write the integer modelled by each set of tiles.

a) 

b) 

c) 

d) 

2. Use yellow or red tiles to model each integer. Draw the tiles.

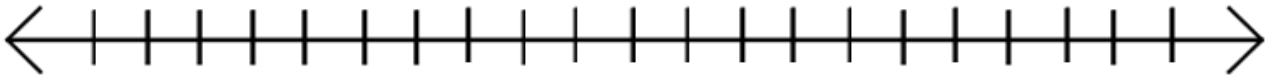
a) -6 **b)** $+8$ **c)** $+5$ **d)** -2

e) $+11$ **f)** -4 **g)** $+2$ **h)** -9

http://www.learnalberta.ca/content/mesg/html/math6web/index.html?page=lessons&lesson=m6lessonshell06.swf

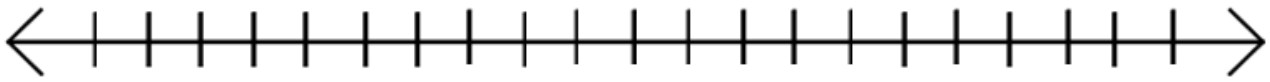
3. Mark these integers on a number line.
   Tell how you knew where to place each integer.

   a) $+1$ b) -5 c) -2 d) $+9$



4. Write the opposite of each integer.
Mark each pair of integers on a number line.
Describe any patterns you see.

a) $+3$ **b)** -1 **c)** -19 **d)** $+10$



5. Write an integer to represent each situation.
   a) Sascha dug a hole 1 m deep.
   b) Vincent deposited $50 in his bank account.
   c) A plane flies at an altitude of 11 000 m.
   d) A submarine travels at a depth of 400 m.

6. Use an integer to represent each situation.
Then use yellow or red tiles to model each integer. Draw the tiles.

a) 12°C below zero
b) 10 m above sea level
c) 9 s before take-off
d) a drop of $2 in the price of a movie ticket
e) a parking spot 5 levels below ground level

7. Describe a situation that could be represented by each integer.

a) 125 b) −22 c) −900

d) 42 000 e) 4

8. Describe two situations in which you might use negative and positive integers. Write integers for your situations.

Old City Hall

10. Statistics Canada reported these data about Canada's population.

Years	Births	Deaths	Immigration	Emigration
1961–1966	2 249 000	731 000	539 000	280 000
1996–2001	1 705 000	1 089 000	1 217 000	376 000

a) Which numbers can be represented by positive integers? By negative integers? Explain your choices.

b) Choose one time period. Use a number line to explain the relationship between births and deaths.