

Pg 42: written: 1-45 (eoo)

1

13

5

7

9

1

13

160

17

1

21

8

25

36

29

20, 36

33

21

37

33

41

4

45

61

9

$$2^6 \div 2 \div 2^3 \div 2^2$$

$$64 \div 2 \div 2^3 \div 2^2$$

$$64 \div 2 \div 8 \div 2^2$$

$$64 \div 2 \div 8 \div 4$$

$$32 \div 8 \div 4$$

$$4 \div 4$$

$$1$$

$$\underline{\underline{1}}$$

Left to Right

~~$$64 \div 2 \div 8 \div 4$$~~

~~$$64 \div 2 \div 2$$~~

~~$$64 \div 1$$~~

~~$$\underline{\underline{64}}$$~~

(45)

$$a = 2$$

$$b = 4$$

$$c = 3$$

$$4a^2 + 3b^2 - (5c \div 5)$$

$$4(2)^2 + 3(4)^2 - (5(3) \div 5)$$

$$4(2)^2 + 3(4)^2 - (15 \div 5)$$

$$4(2)^2 + 3(4)^2 - (3)$$

$$4 \cdot 4 + 3(4)^2 - (3)$$

$$4 \cdot 4 + 3 \cdot 16 - 3$$

$$16 + 3 \cdot 16 - 3$$

$$16 + 48 - 3$$

$$64 - 3$$

$$\underline{\underline{61}}$$

(29)

$$a^2 \cdot b^3 \cdot c^4$$

$$a = 2$$

$$b = 4$$

$$c = 3$$

$$(2)^2 \cdot (4)^3 \cdot (3)^4$$

$$4 \cdot (4)^3 \cdot (3)^4$$

$$4 \cdot 64 \cdot (3)^4$$

$$4 \cdot 64 \cdot 81$$

$$256 \cdot 81$$

$$20736$$

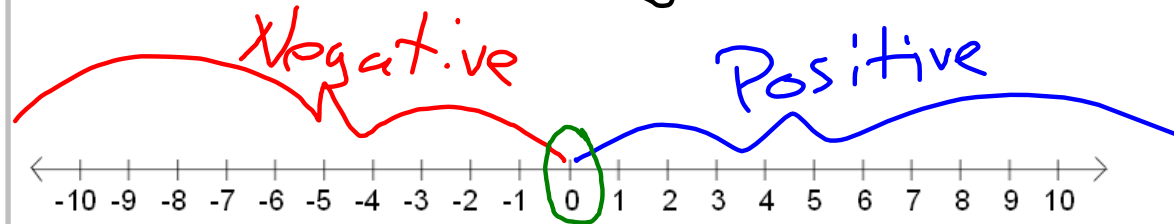
2.3 Integers

Nov. 8, 2006

$$\mathbb{Z} = \mathbb{Z} = \{\dots, -2, -1, 0, 1, 2, \dots\}$$

They are either Positive or Negative

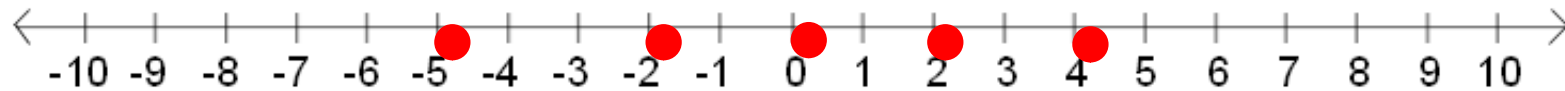
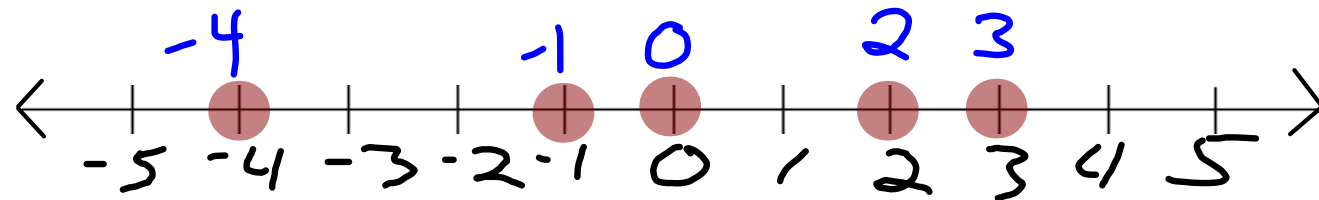
Graph the Integers: \mathbb{Z}



Zero is neither Positive nor Negative: It is Neutral

Graph the Integers

$$\{-4, -1, 0, 3, 2\}$$

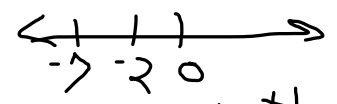


Give me the Solution Set of
the Graphed \mathbb{Z} 's: $\{-5, -2, 0, 2, 4\}$

Comparing Z's

Which temp is warmer
 -7°C or -2°C ?

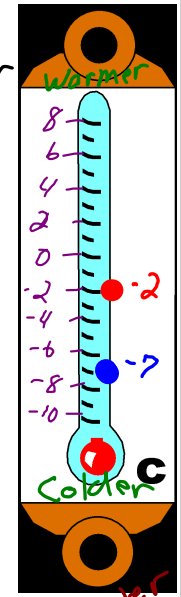
-2 is warmer



-2 is to the Rt of -7

$-2 > -7$

the farther
Right, the
Larger
the Number



O.T.L.

① Pg 44: Exp. 1-19(0)

② Pg 45: 13, 15, 19,
25-37(0)