

Warm up

Sept 16

(a) Billy's mother had five children. The first was named Lala, the second was named Lele, the third was named Lili, the fourth was named Lolo. What was the fifth child named

(b) It's as light as a feather, but the strongest person can't hold it for more than five minutes. What is it?

(c) A man was walking in the rain in the middle of nowhere without a coat or an umbrella. He got soaked, but not a single hair on his head was wet. How can this be?

(a) Billy

(b) Breath

(c) He is bald

REVIEW :)

Write an integer for each scenario

1. 5 yard gain $+5$
2. a withdrawal of \$40 -40
3. the stock rose 8 points $+8$
4. 20 seconds before blastoff $+20$
5. a bill for \$15 -15
6. a profit of \$22 $+22$
7. 9° below zero -9
8. 125 feet below sea level -125
9. a bank deposit of \$35 $+35$
10. sea level 0

Compare each integer $<$, $>$, $=$

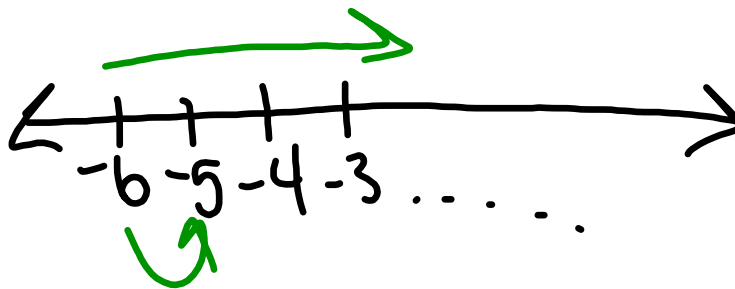
1. $-21 < +21$

2. $-11 < -9$

3. $+36 > +26$

4. $14 = +14$

5. $-5 > -6$



Add

$$1. -6 + 9 = +3$$

$$9 - 6 = 3$$

$$4. -3 + (-7) = -10$$

$$7. -9 + 20 = +11$$

$$20 - 9 = 11$$

$$10. -5 + 13 = +8$$

$$13 - 5 = 8$$

$$13. -7 + (-6) = -13$$

$$2. 5 + (-11) = -6$$

$$11 - 5 = 6$$

$$5. -5 + (-9) = -14$$

$$8. 8 + 3 = 11$$

$$11. 4 + (-12) = -8$$

$$12 - 4 = 8$$

$$14. -8 + 14 = +6$$

$$14 - 8 = 6$$

$$3. 8 + 9 = +17$$

$$6. 4 + (-11) = -7$$

$$11 - 4 = 7$$

$$9. -11 + (-12) = -23$$

$$12. 9 + 15 = 24$$

$$15. 7 + 9 = 16$$

$$16. -4 + (-5) = -9$$

$$17. 8 + (-2) = +6$$

$$8 - 2 = 6$$

$$18. -6 + 11 = +5$$

$$11 - 6 = 5$$

$$19. -2 + (-17) = -19$$

$$20. 5 + 14 = 19$$

$$21. -14 + 18 = +4$$

$$18 - 14 = 4$$

$$22. 42 + (-8) = +34$$

$$42 - 8 = 34$$

$$23. -33 + 17 = -16$$

$$33 - 17 = 16$$

$$24. 53 + 27 = 80$$

$$25. -4 + 31 = +27$$

$$31 - 4 = 27$$

$$26. -17 + (-25) = -42$$

$$27. 51 + (-34) = +17$$

$$51 - 34 = 17$$

$$28. -35 + (-24) = -59$$

$$29. 19 + 44 = 63$$

$$30. -60 + 25 = -35$$

$$60 - 25 = 35$$

1) Represent each of the following scenarios with an integer

- a. I just got paid \$50: a) +50
- b. It is 25°C in Florida: b) +25
- c. Jim walked down 13 stairs: c) -13

1 2 0

5) Represent each of the following scenarios with an integer (Place Answer in blank)

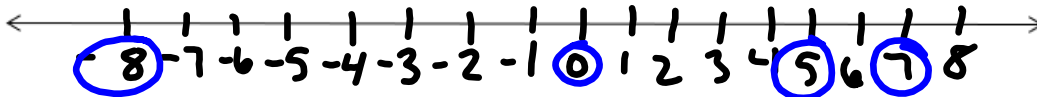
- a. The freezer is 30°C below zero: a) -30
- b. I owe the bank \$2000: b) -2000
- c. Jim walked up 4 stairs: c) +4

9) Represent each of the following scenarios with an integer (Place Answer in blank)

- a. Fred walked up 9 stairs: a) +9
- b. Karen earned \$60: b) +60
- c. The temperature dropped 7 degrees: c) -7

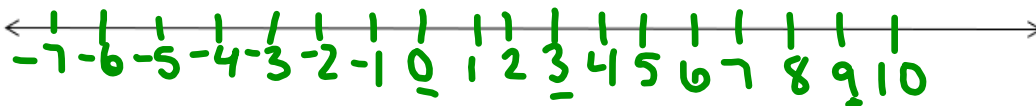
2) Order the integers LARGEST to SMALLEST. (Note the order and you can use a number line to help, if you need it)

- a. ~~-8, 7, 5, 0, -3, -8~~ Answer: +7, +5, 0, -3, -8



6) Put the following integers in order from LARGEST to SMALLEST. (Note the order and you can use the below number line to help)

- a. ~~-9, 3, 0, -1, -6, -7~~ Answer: +9, +3, 0, -1, -6, -7



10) Put the following integers in order from LARGEST to SMALLEST. (Note the order and you can use the below number line to help)

- a. ~~-5, 2, 1, 0, -6, -7, -10~~ Answer: +5, +2, +1, 0, -6, -7, -10



3) Use a number line to help answer the following:

Put a \leq , $>$ or $=$ in the box

a) -7 $\boxed{<}$ -3 b) $+13$ $\boxed{>}$ -21 c) -4 $\boxed{<}$ 0 d) -98 $\boxed{<}$ -97 e) 21 $\boxed{>}$ 12

7) Use a number line to help answer the following:

Put a \leq , $>$ or $=$ in the box

b) $+5$ $\boxed{>}$ -14 b) -7 $\boxed{<}$ -6 c) -21 $\boxed{<}$ -7 d) -100 $\boxed{<}$ $+1$ e) 36 $\boxed{<}$ 50

11) Use a number line to help answer the following:

Put a \leq , $>$ or $=$ in the box

c) $+15$ $\boxed{>}$ $+14$ b) -8 $\boxed{<}$ -5 c) -1 $\boxed{>}$ -22 d) $+13$ $\boxed{>}$ -10 e) 40 $\boxed{>}$ 20

4) Model -4 , two ways using a different amount tiles. (Use shaded for + and not shaded for -)

First way:

$\square\square\square\square = -4$

Second way:

~~$\square\square\square\square\square\square\square\square$~~ $= -4$

~~$\square\square\square\square\square\square$~~ $= -4$

~~$\square\square\square\square\square$~~ $= -4$

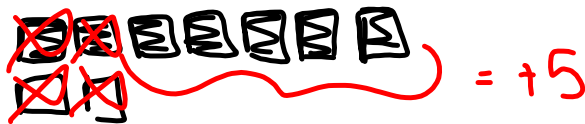
~~$\square\square\square\square\square$~~ $= -4$

8) Model $+5$, two ways using a different amount of tiles each time. (Use shaded for $+$ and unshaded for $-$)

First Way:



Second Way:



-3

12) Model -3 , two ways using a different amount of tiles each time. (Use shaded for $+$ and unshaded for $-$)

First Way:



Second Way:



$$(-7) - (-13)$$