1. Write an expression for the amount of change you will get when you pay for a purchase $\bf p$ with a 20 dollar bill. Make a table to find the amounts of change you will get for purchases of \$11.59, \$17.50, \$19.00 and \$20.00

(SINCLAIR TRANSLATES) You wanna buy stuff with 20 bucks... Write a math sentence to tell me how much change I will get back if my stuff costs $\bf p$ dollars. Now pretend that $\bf p$ dollars = \$11.59, 17.50, 19.00 and 20.00.

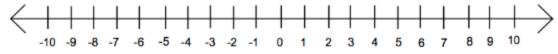
2. An objects momentum is defined as the product of its mass \mathbf{m} and velocity \mathbf{v} . Write an expression for the momentum of an object. Make a table to find the momentums of a vehicle with a mass of 1000Kg moving at a velocity of 15 m/s, 20 m/s, and 25 m/s.

(SINCLAIR TRANSLATES)

Product means multiply.

m/s means meters per second... that's a speed! 60 MPH = 26.8 m/s (that means 25 m/s is FAST)

Do not use a calculator!! If you want you can use the number line:



3.
$$5 + () = 4$$

4.
$$5 - () = 8$$

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

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

7. ()
$$-5 = -8$$

8.
$$5 + () = 0$$

9.
$$2 + () = -4$$

11. () + 7 =
$$-2$$

12. ()
$$-5 = -6$$

12.
$$does - (-4) = -4$$
 Why?

12.
$$does - (-(-3)) = 3$$
 Why?