

1. Write an expression for the amount of change you will get when you pay for a purchase 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 p dollars. Now pretend that p dollars = \$11.59, 17.50, 19.00 and 20.00.

2. An objects momentum is defined as the product of its mass m and velocity 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. $2 + () = -4$

10. $8 - () = 8$

11. $() + 7 = -2$

12. $() - 5 = -6$

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

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