8h review

***Test Date*** August 31, 2018

***Part I*** Solve each equation by adding or subtracting show all steps (3pts each)

1. + m =

***Part II*** Solve each equation by multiplying and dividing show all steps (3pts each)

***Part III*** solve each multistep equation

***Part IV*** Solve each equation check your answer

1. 2.
2. 3.

***Part V*** solve each equation for the given variable.

1. The formula gives the floor area a in *a in square meters that* can be wired using *c* circuits.

a. solve for *c*

*b. if a room is 322 square meters, how many circuits are required to wire the room.*

1. The formula for a person’s typing speed is s= , where s is speed in words per minute, w is number of words typed and e is number of errors. solve this formula for e
2. solve for s
3. solve for a

***Part VI*** solve each absolute value equation