Please write the homework solutions on a separate sheet of paper.

It is OK if you cannot solve some problems – but do not give up before making an effort, maybe putting the problem away and coming back to it later – which means you have to start the homework early.

Remember, 1 ticket for efforts and 1 ticket for quality of Home Work completion will be rewarded.

1. How many multiples of 3 are there between (a) one and 20? (b) Between 1 and 100? (c) Between 100 and 200?

2. Lena is 5 years older than Andrew. Sum of their ages is 21. How old is each of them? Guessing is OK in addition to solution through equation. (*hint: make Lena or Andrew x, write expression for another one using x, write an equation, just like in class, solve it, write the answers: L: and A:*)

3. A cookie costs the same as two packs of chewing gum. Together, a cookie and one pack of gum cost 75 cents. How much does the cookie cost? Guessing is OK in addition to solution through equation. (*hint: make the cheapest item x*).

4. You have a stack of 8-ounce cups and 12-ounce cups. Will you be able to measure exactly
   a. 28 ounces of water?
   b. 31 ounces of water?
   c. 34 ounces?

5. Compute:

   $(a)\ 25 \times 25$ $\qquad$ $(b)\ 27 \times 102$

   $(c)\ 11111 \times 11111$ $\quad$ $(d)\ 111111111 \times 111111111$

6. Compute:

   $(a)\ 6\overline{)1662}$ $\qquad$ $(b)\ 3\overline{)1770}$
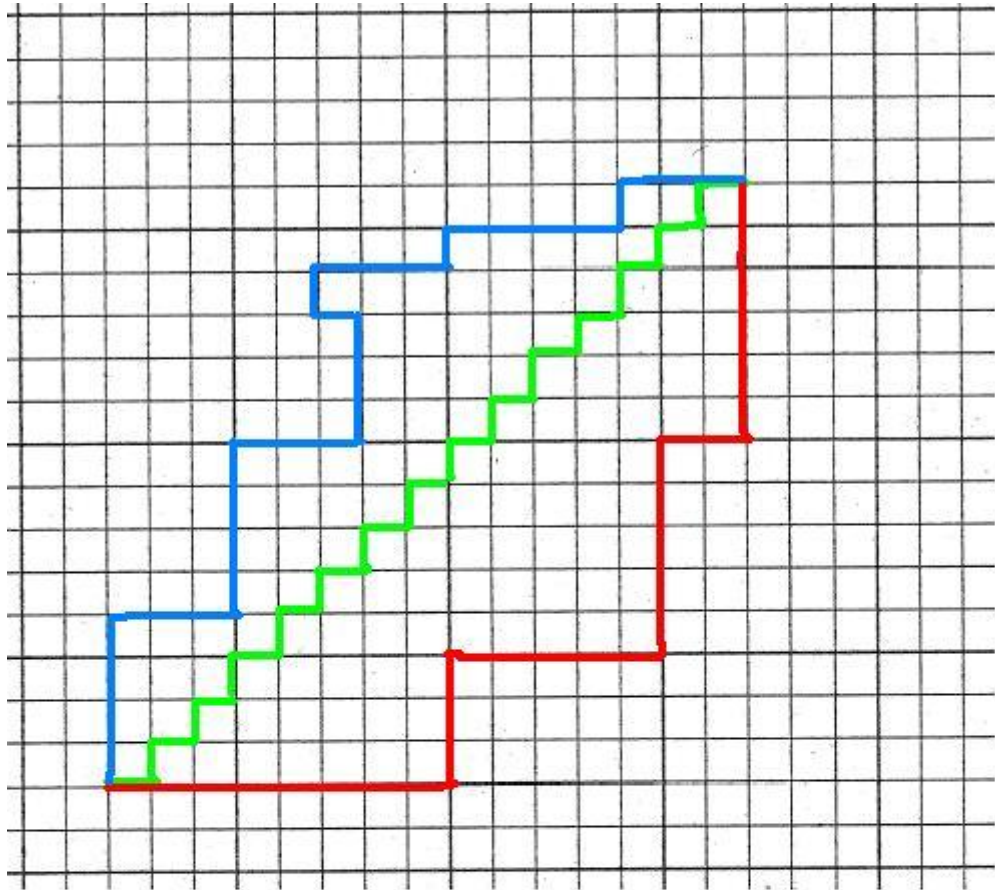
   $(c)\ 8\overline{)1672}$ $\qquad$ $(d)\ 11\overline{)1111}$

7. Solve equations:

   a. $3x = 21$ b. $y - 3 = 19$ $\qquad$ c. $3x - 3 = 19$

8. All three contestants move with the same speed, just choose a different path. Who is the fastest? Who is the slowest? Write just the answer on your quadrille paper.

———————— Dribbly

———————— Looser

———————— Speedy