

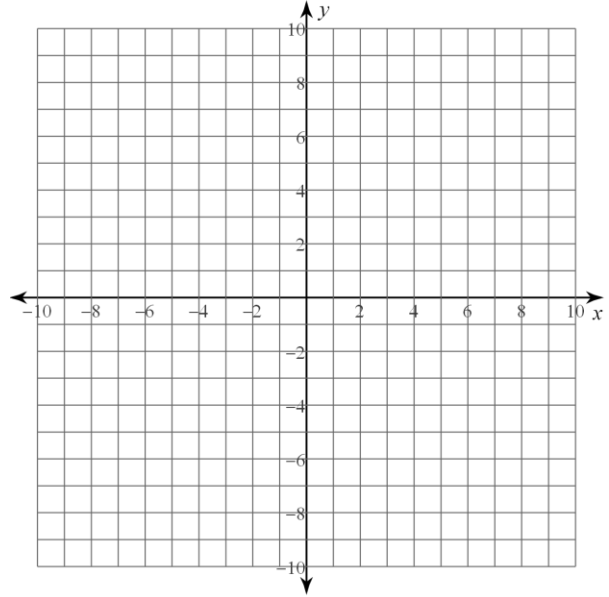
4.1 Test Review - Part 2

1.

Jaron went on Amazon, and since he had Prime, he didn't need to pay shipping. He bought 6 pairs of squirrel underpants and 4 eyepatches for \$29.60. Then he went on two days later (to get some for his Grandpa) and bought more. It cost him \$16.45 for 2 pairs of underpants and 3 eyepatches. How much did each cost?

2.

Make a systems of equations that has the solution $(4, -3)$. Graph it. write your two equations in slope-intercept form. Put a box around them. Then change them to standard form. Put a box around them too.



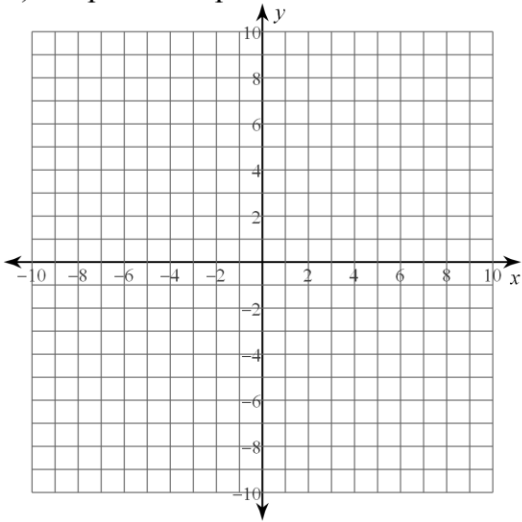
3.

Zaidee is throwing a par-taaaaay and needs some treats. She wanted to buy pies and cheesecakes at Stoke's. Cheesecakes were on sale for \$5 a piece and pies were \$10. Her mom only gave her \$70 to spend, and her mom told her that she could only buy 10 desserts.

a) Write a systems of inequalities to describe the situation.

b) Tell me what each variable stands for.

c) Graph all the possible solutions.



4.

Make a systems of inequalities that has no solution.

Both inequalities have to have an "x" and "y" in them.

One line has to be solid and the other has to be dotted.

Write the inequalities that go with your lines and shading.

Put your inequalities in slope-intercept form and circle them.

Put your inequalities in standard form and put a box around them.

