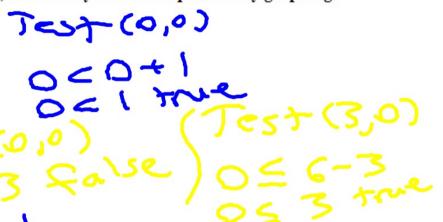
Chapter 6 Practice Quiz

For Questions 1 and 2, solve the system of inequalities by graphing.

$$1. \underbrace{x < \frac{1}{3}x + 1}_{\substack{y \le 2x - 3}}$$

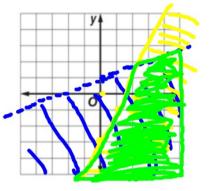


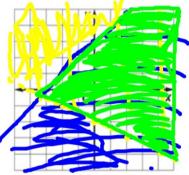
$$2. \underline{y} \le x + 3$$

$$y > -\frac{1}{2}x - 2$$



1.





- 3. The sum of two numbers is 16 and their difference is 20. What are the two numbers?
- 3. (14 -Z
- 4. Kyle just started a new job that pays \$7 per hour. He had been making \$5 per hour at his old job. Kyle worked a total of 54 hours last month and made \$338 before deductions. How many hours did he work at his new job?

5. Brent has \$3.35 in quarters and dimes. If he has 23 coins in all, find the

number of quarters and dimes.