

EOC Review Packet

Name: KEY

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Directions: The following questions are designed to review the material covered in the EOC Exam. Answer each to the best of your ability. Use a calculator as it is permitted during the exam.



1. Which graph shows the solution to the system of inequalities below?

$$y < 2x + 3 \quad \text{and} \quad y \geq x + 1$$

$$y > -x + 2 \quad \text{and} \quad y \leq x + 1$$



2. The average velocity of a bicyclist riding a constant rate is shown below. Which of the following is the best estimate for the distance traveled in 10 minutes?

A. 100 ft
B. 200 ft
C. 300 ft



velocity: $(0,0)$ to $(10,30)$

3. Which of the following graphs shows the solution to the system of inequalities below?

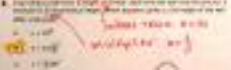


4. Which of the following is the solution to the system of inequalities below?

A. $x < 2$
B. $x > 2$
C. $x < 3$
D. $x > 3$



5. Which of the following is the solution to the system of inequalities below?

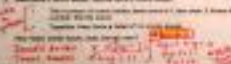


6. Which of the following is the solution to the system of inequalities below?

A. $x < 2$
B. $x > 2$
C. $x < 3$
D. $x > 3$

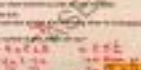


7. Which of the following is the solution to the system of inequalities below?



8. Which of the following is the solution to the system of inequalities below?

A. $x < 2$
B. $x > 2$
C. $x < 3$
D. $x > 3$



9. Which of the following is the solution to the system of inequalities below?

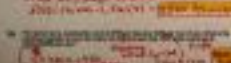


10. Which of the following is the solution to the system of inequalities below?

A. $x < 2$
B. $x > 2$
C. $x < 3$
D. $x > 3$

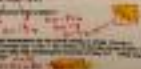


11. Which of the following is the solution to the system of inequalities below?



12. Which of the following is the solution to the system of inequalities below?

A. $x < 2$
B. $x > 2$
C. $x < 3$
D. $x > 3$



13. Which of the following is the solution to the system of inequalities below?

A. $x < 2$
B. $x > 2$
C. $x < 3$
D. $x > 3$

14. Which of the following is the solution to the system of inequalities below?

A. $x < 2$
B. $x > 2$
C. $x < 3$
D. $x > 3$

