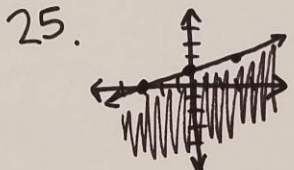


Final Practice Test

- 1. D
- 2. D
- 3. D
- 4. C
- 5. C
- 6. A
- 7. A
- 8. B
- 9. C
- 10. D
- 11. $y = 22 + 80x$
- 12. $y = -25x + 250$
- 13. $y = 15 - 3x$
- 14. B
- 15. A
- 16. C
- 17. D
- 18. B
- 19. A
- 20. A

- 21. B
- 22. D
- 23. C



- 26. 810
- 27. $y = 3 + 1.5d$
- 28. a) $y = 6 \cdot 2^x$
b) 1536
- 29. B
- 30. $y = 8(\frac{1}{2})^x$
- 31. C
- 32. $y = 1 \cdot 2^x$
- 33. B
- 34. C
- 35. A
- 36. A
- 37. D
- 38. D
- 39. C

- 40. A) Yes B) Yes
C) No D) Yes
- 41. A) $D = \{-1, 0, 2, 3\}$
 $R = \{-1, 0, 2, 4\}$
B) $D = \text{ARN}$
 $R = y \leq 0$
C) $D = \{-2, -1, 0, 3, 5, 6\}$
 $R = \{-3, 2\}$
D) $D = -5 \leq x \leq 5$
 $R = -3 \leq y \leq 3$

- 42. $D = -5 \leq x \leq 5$
 $R = -3 \leq y \leq 3$
- 43. $-5 < x < -3$
and
 $2 < x < 3$
- 44. $-4 < x < 4$
- 45. C
- 46. D
- 47. B
- 48. D
- 49. D
- 50. A

8th Grade

- 51. C
- 52. D
- 53. \$87.14 per year
- 54. D
- 55. B