

**Grade 7 Advanced Mathematics  
Common End-Of-Course Exam Study Guide  
ANSWER KEY**

- |                     |         |
|---------------------|---------|
| 1. B                | 37. 8.2 |
| 2. \$0.40 per ounce | 38. D   |
| 3. B                | 39. 115 |
| 4. indirect         | 40. B   |
| 5. direct           | 41. 44  |
| 6. D                | 42. D   |
| 7. 48               | 43. 20  |
| 8. .36111111        | 44. D   |
| 9. 7.2              | 45. 31  |
| 10. A               | 46. 35  |
| 11. 280             | 47. B   |
| 12. C               |         |
| 13. 3813            |         |
| 14. A               |         |
| 15. 80              |         |
| 16. A               |         |
| 17. D               |         |
| 18. D               |         |
| 19. C               |         |
| 20. $\frac{1}{3}$   |         |
| 21. $\frac{37}{45}$ |         |
| 22. C               |         |
| 23. 180             |         |
| 24. C               |         |
| 25. 800             |         |
| 26. D               |         |
| 27. C               |         |
| 28. 20              |         |
| 29. Nonlinear       |         |
| 30. D               |         |
| 31. 23              |         |
| 32. C               |         |
| 33. -9              |         |
| 34. A               |         |
| 35. $-4\sqrt{15}$   |         |
| 36. B               |         |