

## Math 8 Review Answer Section

### MULTIPLE CHOICE

1. A	2. A	3. B	4. D	5. A	6. B	7. B	8. A	9. B	10. D
11. A	12. D	13. C	14. A	15. C	16. C	17. D	18. B	19. B	20. B
21. C	22. A	23. A	24. A	25. B	26. A	27. D	28. A	29. A	30. C
31. C	32. B	33. A	34. D	35. D	36. C	37. C	38. A	39. D	40. B
41. B	42. D	43. A	44. B	45. C	46. D	47. C	48. B	49. C	50. B
51. D	52. C	53. D	54. C	55. C	56. B	57. D	58. D	59. A	60. C

### COMPLETION

61.  $\frac{17}{25} \times \$275 = \$187$

62.  $35 \times \frac{3}{7} = 15$

### SHORT ANSWER

63. a)  $2 \div 5 = 0.4$

b)  $9 \div 18 = 0.5$

c)  $8 \div 32 = 0.25$

d)  $15 \div 100 = 0.15$

64. a)  $54 \div 400 = 0.135 \times 100 = 13.5\%$

b)  $1 \div 200 = 0.005 \times 100 = 0.5\%$

c)  $9 \div 4 = 1.8 \times 100 = 180\%$

d)  $11 \div 4 = 2.75 \times 100 = 275\%$

65. a) 1      b) 3      c) 5

66. a)  $\frac{2}{36} = \frac{1}{18}$       b)  $\frac{10}{35} = \frac{2}{7}$

c)  $\frac{12}{72} = \frac{1}{6}$       d)  $\frac{45}{60} = \frac{3}{4}$

67. a)  $\frac{2}{11}$       b)  $\frac{3}{16}$

c)  $\frac{3}{35}$       d)  $\frac{3}{15} = \frac{1}{5}$

68.  $V = (\pi \times r^2) \times h$   
 $V = (3.14 \times 1.3 \times 1.3) \times 3.4$   
 $V = 18.04244$

The volume of the cylinder is 18.04 m<sup>3</sup>.

69.

