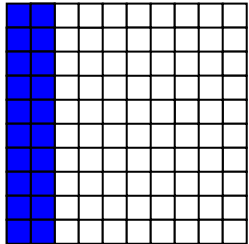


Title I Math Test Answer Sheet Sixth Grade Standards

1.



Twenty blocks should be shaded in this graph.

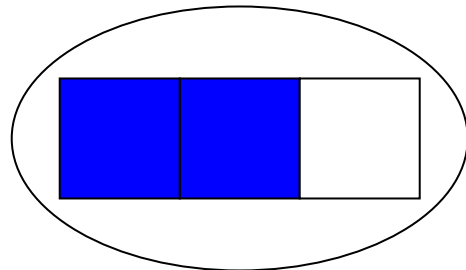
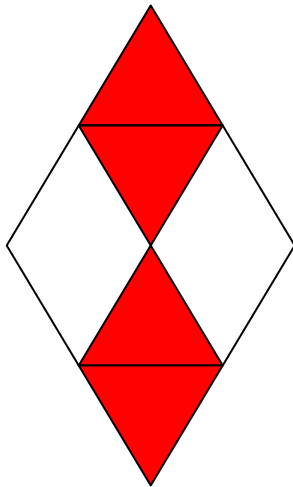
2. 20%

3. .2

4. $\frac{3}{8}$

5. 37.5%

6.



Explanation may include $\frac{1}{2}$ is smaller than $\frac{2}{3}$. OR
The student may compare fractions explaining that $\frac{3}{6}$ is smaller than $\frac{4}{6}$. They may compare the percentages by explaining that 50% is smaller than 66.67%.

7. $2 \times 2 \times 2 \times 3 \times 5$ or $2^3 \times 3 \times 5$

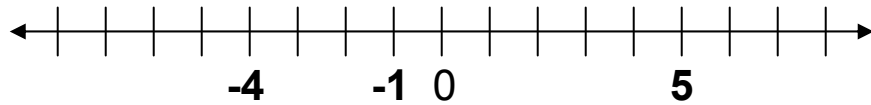
8. $2 \times 2 \times 3 \times 5 \times 5$ or $2^2 \times 3 \times 5^2$

9. 1, 2, 3, 4, 6, 8, 12, 16, 24, 48

10. 12

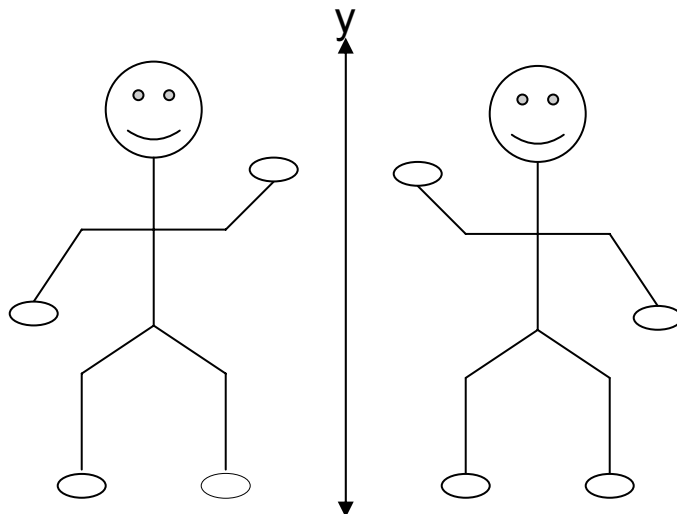
11. Yes; because 123 is divisible by 3.

12. 2
 13. 0, 6, 12, 18
 14.



15. <
 16. >
 17. <
 18. <
 19. >
 20. <
 21. 4:17 or $\frac{4}{17}$ or 4 to 17
 22. 13:17 or $\frac{13}{17}$ or 13 to 17
 23. 82.21
 24. 5.51
 25. 0.67
 26. 4.65
 27. $7 \frac{5}{6}$
 28. $16 \frac{7}{24}$
 29. $11 \frac{5}{24}$
 30. $4 \frac{7}{12}$
 31. .09924, .99934, 4.09, 4.0932
 32. 14
 33. 5
 34. 12
 35. 8
 36. 117°
 37. 53°
 38. (-1, 6)
 39. See test for determining correct answers.

40. Answers may vary, but should be between \$6.00 and \$9.00.
41. K-Mart has the better deal. You can buy 15 cans for \$7.50 at K-Mart and 15 can for \$7.65 at Wal-Mart. The unit price for K-Mart is \$.50 and Wal-Mart's unit price is \$.51. The answer should be justified.
42. Explanations may vary. Yes, he will have enough money. Mark needs 20 gallons of gas because he can travel 15 miles per one gallon of gas. Therefore, he van travel 300 miles on 20 gallons. 20 gallons of gas times the unit price of gas (\$1.89) will give you \$37.80, which is less than \$40.00.
43. Mode: 2
44. Median: 2
45. Mean: 5
46. Range: 14
47. 80
48. 33
49. V (vanilla), S(strawberry), C(chocolate)
 VCS
 CVS
 CSV
 SVC
 SCV
50. He will have 12 different outfits. The required diagram or list must represent the 12 outfits.
- 51.



52. 6 inches²
 53. 280 feet²
 54. 72 inches
 55. Answers may vary. Dimensions may include
 10 x 10, 9 x 11, 8 x 12, 7 x 13, 6 x 14, 5 x 15,
 4 x 16, 3 x 17, 2 x 18, or 1 x 19
 56. 192 inches³
 57. 120 inches³
 58. 28.26 inches²
 59. 25.12 inches
 60. 31.4 inches
 61. 200.96 inches²
 62. 15
 63. 1500
 64. 15
 65. .0456
 66.

Number of Weeks	Weight of the puppy
0	2
1	5
2	8
3	11
4	14
5	17
6	20

The total weight of the puppy after six weeks is 20 pounds.

67. $n + 5 = 12$
 68. $n - 4 = 17$
 69. 16, 32, 64
 70. 10 shaded triangles
 71. 52 to 55 males is an acceptable answer.
 72. chocolate