

# Math Mammoth End-of-Year Test Grade 2

## Answer Key

1. a. 13, 18, 11, 15    b. 11, 13, 12, 12    c. 16, 12, 11, 12    d. 14, 14, 14, 17

2. a. 9, 8, 7, 4    b. 8, 4, 8, 8    c. 9, 8, 9, 9    d. 9, 9, 6, 7

3.

a. $2 + 9 = 11$	b. $8 + 9 = 17$	c. $5 + 7 = 12$
$9 + 2 = 11$	$9 + 8 = 17$	$7 + 5 = 12$
$11 - 2 = 9$	$17 - 8 = 9$	$12 - 7 = 5$
$11 - 9 = 2$	$17 - 9 = 8$	$12 - 5 = 7$

4.  $35 + 35 = 70$

5.  $5 + 9 = 14$  They each got seven apples.

6. 10, 12, 14, 16, 18, 20

7.  $90 - 75 = 15$

8.  $32 - 16 - 10 = 6$  He needs six more dollars.

9. a. 8    b. 8    c. 7

10. a. 67, 70    b. 92, 54    c. 26, 31

11. a. 267    b. 908

12. 568, 578, 588, 598, 608, 618, 628

13. a. 417, 447, 714    b. 89, 809, 998

14. a. 600, 960    b. 500, 320    c. 332, 62

15. a.  $92 = 92$     b.  $248 < 824$     c.  $170 > 125$     d.  $400 < 404$

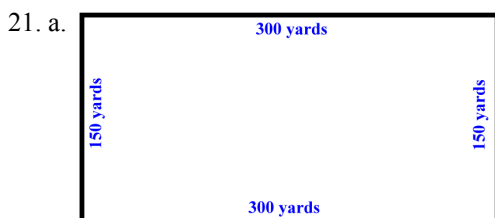
16. a. 83    b. 682    c. 748

17. a. 24, 61    b. 722, 970

18. The total cost was \$304.  $152 + 152 = 304$

19.  $450 - 126 = 324$  DVDs

20.  $218 + 218 = 436$



b.  $300 + 300 + 150 + 150 = 900$  yards

22.

<p>a. <math>3 : 25</math> 25 past 3</p>	<p>b. <math>8 : 50</math> 10 till 9</p>	<p>c. <math>4 : 35</math> 25 till 5</p>
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23.

from	3:00	2:00	1 AM	11 AM	8 PM
to	3:05	2:30	8 AM	1 PM	midnight
amount of time	5 minutes	30 minutes	7 hours	2 hours	4 hours

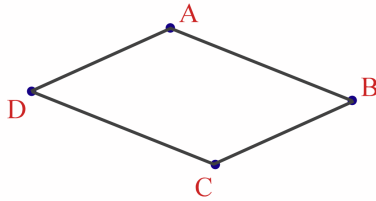
24. a. \$1.30    b. \$5.41

25. The change is \$0.65.

26. His change was \$0.15.

27. Shape A: a square    Shape B: a pentagon

28. a.



b. a quadrilateral (also acceptable: a parallelogram)

c. Side AB: about about 2 inches    Side BC: about 1 1/2 inches

Side CD: about about 2 inches    Side DA: about about 1 1/2 inches

29. about 9 cm

30. It is enough for the student to mention one suitable measuring unit. All the units mentioned below are right answers.

Distance	Unit(s)
how long my pencil is	cm, in
the distance from London to New York	km, mi
the height of a wall	m, ft
the distance it is to the neighbor's house	m, ft

31.

<p>a. </p>	<p>b. </p>	<p>c. </p>	<p>d. </p>
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32.

<p>a.  <math>\frac{1}{2} &gt; \frac{2}{5}</math></p>	<p>b.  <math>\frac{4}{6} &lt; \frac{3}{4}</math></p>	<p>c.  <math>\frac{2}{3} &gt; \frac{2}{4}</math></p>
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33. a.  $2 \times 3 = 6$     b.  $6 \times 2 = 12$

34. a.  $3 \times 5 = 15$     b.  $5 \times 4 = 20$

35. a. 10    b. 9    c. 30