



# DEAR MATHLETES:

A marathon is a long-distance race that is 26.2 miles long. An athlete must practice daily in order to keep in shape and reach the finish line!

We would like you to compete in a **MATH MARATHON** this summer by completing 26+ sessions of math review in order to keep in shape for next year! Review **ANYTHING** that relates to math – basic facts, computations, problem solving... if it's **MATH** it counts 😊

Use the marathon recording form to keep track of your time. You can complete the 26+ sessions any days you wish, and you may split up the sessions into shorter time periods. (We suggest that you spread your training evenly throughout the summer, each session lasting about 10 minutes.) Be sure to return the form to your homeroom teacher in September!

## Ideas for workout sessions:

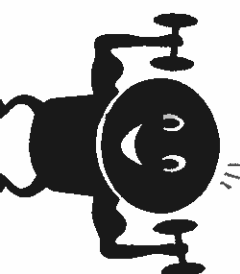
- Summer Math Packet (*available on ER's website*)
- Flash cards
- Games: dice/cards/dominos/sidewalk chalk
- "XtraMath"
- iPod/iPad apps
- any summer workbook practice pages
- Math Seeds
- Study Island
- Connected/EM4 Online Games
- Create your own worksheet

## Grade level goals: (Basic Facts)

- K into 1<sup>st</sup> :**
- Addition facts within 10 (up to 5 + 5)
- 1<sup>st</sup> to 2<sup>nd</sup>:**
- Addition and Subtraction facts within 20 (up to 10 + 10)
- 2<sup>nd</sup> into 3<sup>rd</sup>:**
- Addition and Subtraction facts within 20
  - Multiplication facts (x0, x1, x2, x5, and x10)
- 3<sup>rd</sup> into 4<sup>th</sup>:**
- Mixed Facts: +/- within 20 and x/+ within 100
- 4<sup>th</sup> into 5<sup>th</sup>:**
- Mixed Facts: +/- within 20 and x/+ within 100



# GOOD LUCK MATHLETES!



Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

**1st to 2nd Grade Summer Practice**

1. Count by 1s.

7, 8, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

2. Count by 1s.

18, 19, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

3. Count back by 1s.

14, 13, 12, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

4. Count back by 1s.

20, 19, 18, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

5. Write the numbers that come before and after.

\_\_\_\_\_ 7 \_\_\_\_\_

6. Write the numbers that come before and after.

\_\_\_\_\_ 5 \_\_\_\_\_

\_\_\_\_\_ 9 \_\_\_\_\_

7. Make tally marks for each of the following numbers.

a. 4 = \_\_\_\_\_

b. 10 = \_\_\_\_\_

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

**1st to 2nd Grade Summer Practice**

8. Make tally marks for each of the following numbers.

a. 7 = \_\_\_\_\_

b. 13 = \_\_\_\_\_

9. Write the numbers from 1 through 6.

Circle the number that you write best.

\_\_\_\_\_

.....

\_\_\_\_\_

10. Count by 2s.

2, 4, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 12, \_\_\_\_\_

11. Count by 5s.

5, 10, \_\_\_\_\_, \_\_\_\_\_, 25, \_\_\_\_\_, \_\_\_\_\_

12. Use your number line.

Start at 2.

Count up 5.

You end at \_\_\_\_\_.

a. 7   b. 6   c. 2   d. 5

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

**1st to 2nd Grade Summer Practice**

13. Count by 2s. Circle your counts on the number grid.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

14. Count by 5s. Circle your counts on the number grid.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

15. Draw and solve.

Nikki has 4 yellow balloons, 2 red balloons, and 3 blue balloons.

How many balloons does she have in all?

\_\_\_\_\_ balloons

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

**1st to 2nd Grade Summer Practice**

16. Make sums of 10 pennies.

Left Hand	Right Hand
	1
7	
4	

17. How many tally marks?

### ### ### //

\_\_\_\_\_ tally marks

- a. 12   b. 32   c. 20   d. 17

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

1st to 2nd Grade Summer Practice

18. Fill in the table.

The Pets We Own		
Pet	Tallies	Total
Cat	### //	
Dog	### ///	
Other	### <del>###</del> //	

19. Use your number line.

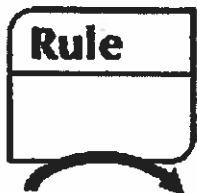
Start at 8.

Count back to 3.

How many hops are there from 8 to 3?

\_\_\_\_\_ hops

20. What's the rule?



- a. Add 2.
- b. Add 5.
- c. Subtract 2.
- d. Subtract 3.

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

**1st to 2nd Grade Summer Practice**

21. Fill in the missing numbers.

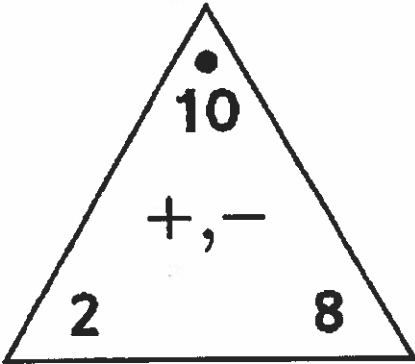
**Rule**  
Count back  
by 5s

70 65

22. Write the sum.

$$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$$

23. Write the fact family.



\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_



Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

1st to 2nd Grade Summer Practice

24. Fill in the missing numbers.

$$3 + \underline{\quad\quad\quad} = 12$$

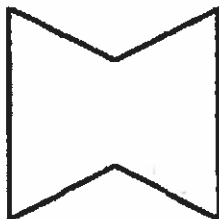
$$12 - 3 = \underline{\quad\quad\quad}$$

25. Name this shape. \_\_\_\_\_



- a. trapezoid   b. rhombus   c. hexagon   d. square

26. This is a polygon.



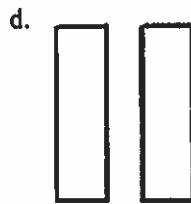
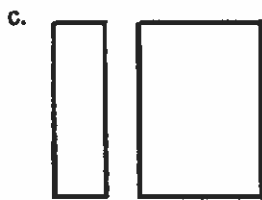
How many sides? \_\_\_\_\_ sides

How many corners? \_\_\_\_\_ corners

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

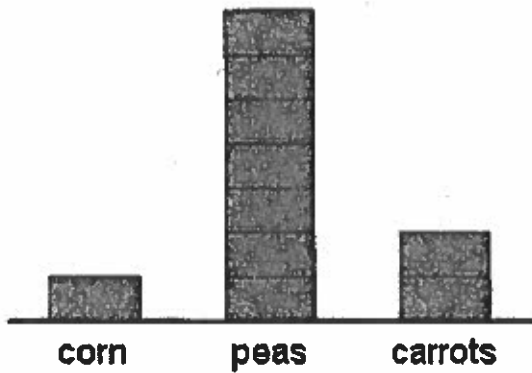
**1st to 2nd Grade Summer Practice**

27. Which are the 2 shapes that can be combined to form the shape you see below?



28.

**Favorite Vegetables  
Mr. Linder's Class**



Do more children like corn or peas? \_\_\_\_\_

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

1st to 2nd Grade Summer Practice

29. Circle the tens place.

40      29      72      92      55

30. What time is it?



half-past \_\_\_\_\_ o'clock

31. Fill in the frames.

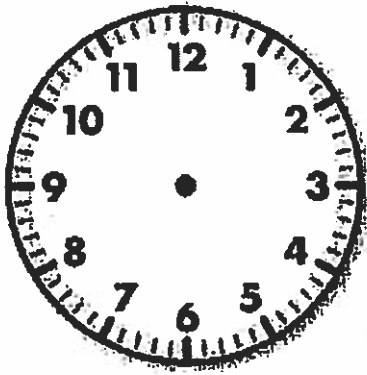
<b>Rule</b>
2 more

14	16				
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Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

1st to 2nd Grade Summer Practice

32. Draw the hour hand and the minute hand.



half-past 11 o'clock

33. Find the sum.

$$8 + 4 = \underline{\hspace{2cm}}$$

34. Write an addition fact to go with the dice.



$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

1st to 2nd Grade Summer Practice

35. The pencil is longer than the crayon.  
The crayon is longer than the paper clip.  
Which is longer, the pencil or the paper clip?



- a. pencil
- b. paper clip
36. How long is the line segment?



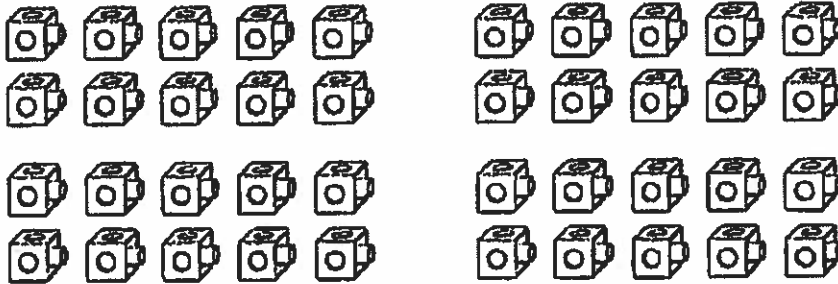
It is about \_\_\_\_\_ inches long.

37. Moses has (P)(P)(P)(P)(P)(P)(P).
- Angela has (P)(P)(P)(P)(P)(P).
- a. How much money does Moses have? \_\_\_\_\_¢
- How much money does Angela have? \_\_\_\_\_¢
- b. Who has more money? \_\_\_\_\_
- c. How much more money? \_\_\_\_\_¢

38. Add.
- $7 + 3 =$  \_\_\_\_\_

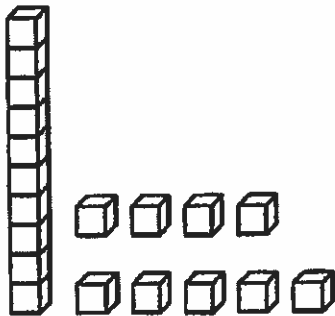
1st to 2nd Grade Summer Practice

39. A group of 10 cubes is a "ten". How many tens are there?

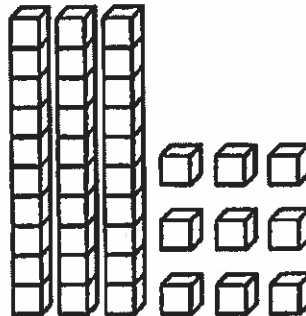
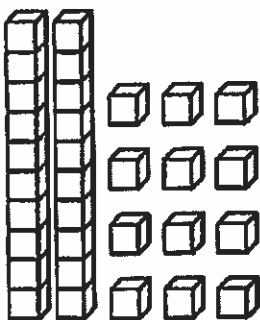


\_\_\_\_\_ ten(s)

40. What is the number shown below? \_\_\_\_\_



41. Write the numbers. Write  $<$ ,  $>$ , or  $=$  in the circle.

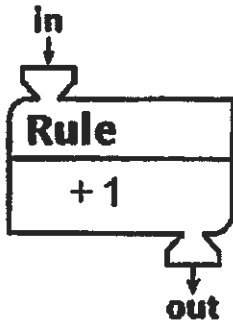


\_\_\_\_\_ ○ \_\_\_\_\_

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

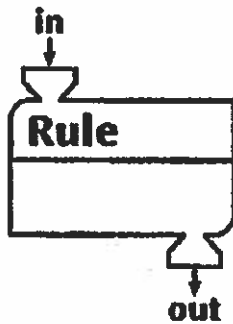
1st to 2nd Grade Summer Practice

42. What comes out?



in	out
15	
9	
6	
28	

43. Find the rule. Fill in the missing numbers.



in	out
5	15
20	30
34	44
75	
	70

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

**1st to 2nd Grade Summer Practice**

44. Use the tally chart to answer the questions.

<b>Pet Legs</b>	
no legs	### ### ###
2 legs	### ### ### ###
4 legs	### ###

a. How many pets have 4 legs? \_\_\_\_\_

b. Do more pets have no legs or 2 legs? \_\_\_\_\_

45. Subtract.

$$\begin{array}{r} 10 \\ - 5 \\ \hline \end{array}$$

46. Subtract.

$$\begin{array}{r} 7 \\ - 7 \\ \hline \end{array}$$

47. Fill in the missing number.

$$12 + \underline{\hspace{2cm}} = 18$$



Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

**1st to 2nd Grade Summer Practice**

**48. Write five names for 18.**

18	
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Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

**1st to 2nd Grade Summer Practice**

49. Which clock shows half-past 2?

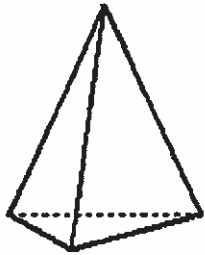


50. Draw a polygon with 5 sides.

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

**1st to 2nd Grade Summer Practice**

51. Circle the name of this 3-dimensional shape.



prism

pyramid

52. Use the word bank to help you write the name for each shape.

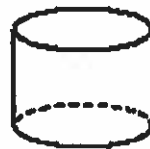
triangle	sphere	hexagon	square	cone
	cylinder	circle	pyramid	cube



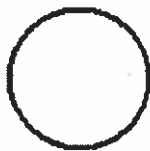
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

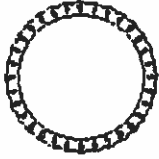


\_\_\_\_\_

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

**1st to 2nd Grade Summer Practice**

53. a. Draw lines to cut the pie into 4 equal parts.



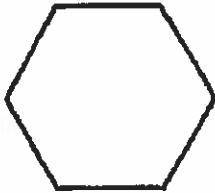
b. Circle the word that completes the sentence.

fourth

half

Each of the parts is called a \_\_\_\_\_ of the whole.

54. Divide each shape in half. Shade one half of each shape.



55. Jill bought 2 stickers and 1 pencil.  
Each sticker costs 6¢. Each pencil costs 8¢.  
How much did Jill pay?

\_\_\_\_\_ ¢

56. Marcus spent 42¢.  
Anna spent 8¢ more than Marcus.  
How much did Anna spend?

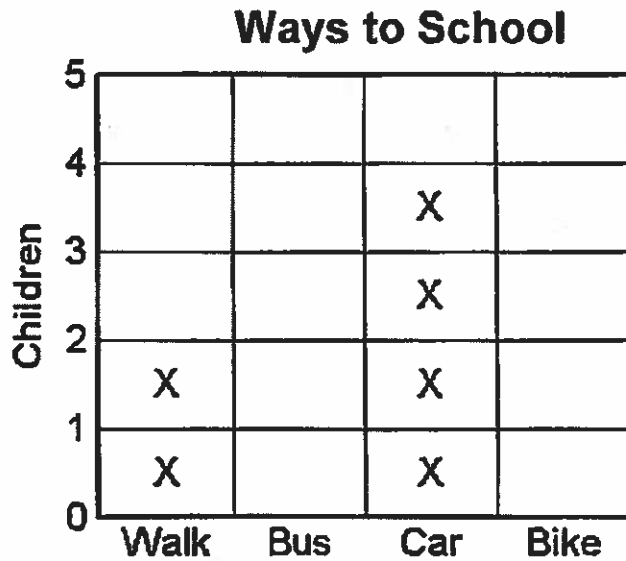
\_\_\_\_\_ ¢

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

1st to 2nd Grade Summer Practice

57. Complete the graph:

5 children take the bus. 1 child rides a bike.



58. Write the number that is 10 more.

46 \_\_\_\_\_

56 \_\_\_\_\_

66 \_\_\_\_\_

76 \_\_\_\_\_

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

**1st to 2nd Grade Summer Practice**

59. Write the number that is 10 less and 10 more.

Less		More
_____	30	_____
_____	55	_____
_____	73	_____
_____	46	_____

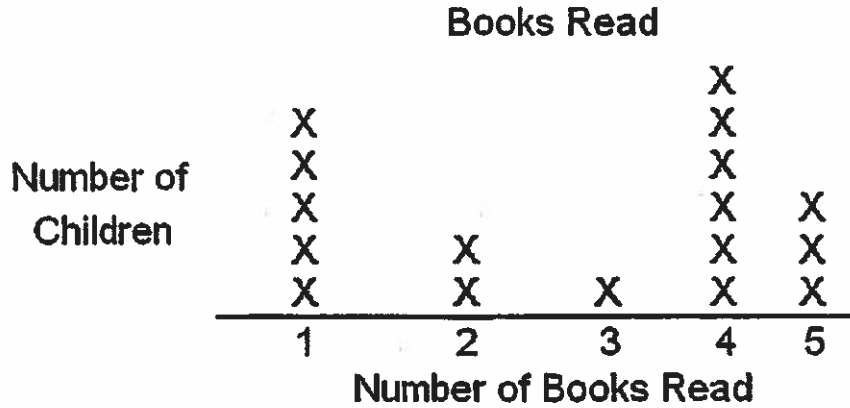
60. Use your number grid.  
Start at 46.  
Count up 15.

$$\begin{array}{r} 46 \\ + 15 \\ \hline \end{array}$$

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

**1st to 2nd Grade Summer Practice**

61. Use the line plot to answer the questions.



a. How many books have the greatest number of children read?

\_\_\_\_\_ books

b. How many books have the fewest number of children read?

\_\_\_\_\_ books

62. How many dice rolls did Sofia have in all? \_\_\_\_\_

**Sofia's Dice Rolls**

		X		X	X
		X		X	X
X	X	X	X	X	X
1	2	3	4	5	6
Number of Dots					

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

**1st to 2nd Grade Summer Practice**

63. Count up by 5s.

35, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

64. Count back by 2s.

26, 24, 22, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

65. Add or subtract.

$$5 + 5 = \underline{\hspace{2cm}} \qquad \begin{array}{r} 12 \\ - 6 \\ \hline \end{array}$$

$$1 + 2 = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} = 4 - 0 \qquad \begin{array}{r} 8 \\ + 0 \\ \hline \end{array}$$

$$\underline{\hspace{2cm}} = 8 + 3$$

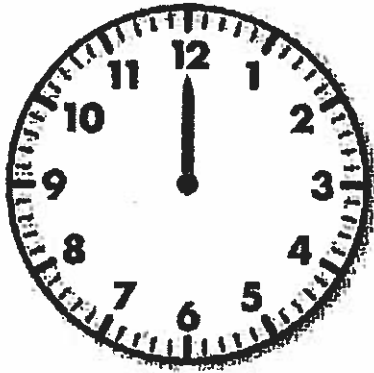
$$6 - 1 = \underline{\hspace{2cm}} \qquad \begin{array}{r} 10 \\ - 5 \\ \hline \end{array}$$



Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

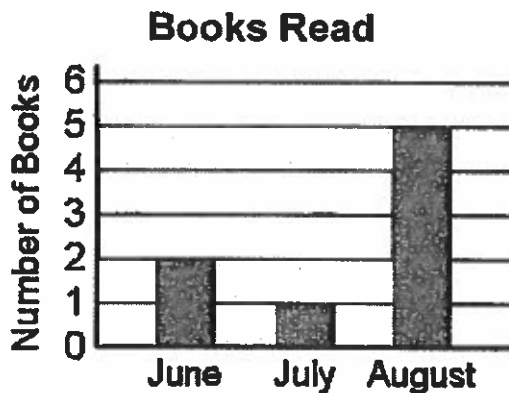
**1st to 2nd Grade Summer Practice**

66. Draw the hour hand.



8 o'clock

67. Use the bar graph to answer the following questions.



In which month were the most books read? \_\_\_\_\_

How many books were read in that month? \_\_\_\_\_

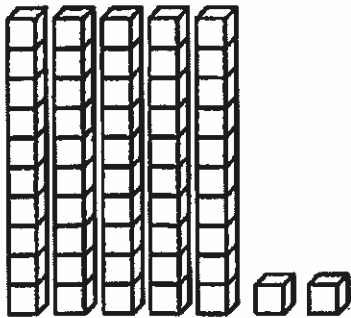
How many books were read for all 3 months? \_\_\_\_\_

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

1st to 2nd Grade Summer Practice

68. Draw a triangle with one side that is 2 inches long.

69. Write the number. \_\_\_\_\_



Write the number that is 10 more. \_\_\_\_\_

Write the number model to show 10 more base-10 blocks.

\_\_\_\_\_

70. Write  $<$ ,  $>$ , or  $=$ .

15  51