Summer Math - Rising 6th Grade WEEK 1

1. Evaluate the expression using order of operations:

$$10 - 3 \times 2 + 5$$

A. 19

B. 10

C. 9

D. 7

5.OA.1

2. $\frac{1}{6} + \frac{1}{3} =$

A. $\frac{1}{2}$

B. $\frac{5}{6}$

C. $\frac{1}{3}$

D. $\frac{2}{6}$

5.NF.1

3. 17 km = _____ m

A. 170

B. 1,700

C. 17,000

D. 170,000

5.MD.1

4. 58 x 27=

A. 1,565

B. 1,566

C. 1,576

D. 1,567

5.NBT.5

5. What is the value of the underlined digit? 1,4<u>8</u>5,109

A. 80,000

B. 8,000

C. 800,000

D. 800

5.NBT.1

6. 27,940 ÷ 55 =

A. 408

B. 409

C. 509

D. 508

5.NBT.6

Summer Math - Rising 6th Grade WEEK 2

7. Complete the pattern:

$134 \div 1 = 134$
$134 \div 10 = 13.4$
$134 \div 100 = 1.34$
$134 \div 1000 =$ _____

A. 0.0134
B. 0.134
C. 1.34
D. 13.4

5.NBT.2

10. $35.76 - 10.85 =$

A. 24.81
B. 25.81
C. 24.91
D. 25.91

5.NBT.7

8. Juan bought 2 pairs of shoes that cost $28.15 and $21.99. What was the total cost of both pairs?

A. $49.24
B. $49.14
C. $50.24
D. $50.14

5.NBT.7

11. $\frac{3}{7} \times 7$ will be _____ 7

A. Equal to
B. Greater than
C. Less than
D. Greater than or equal to

5.NF.5a

9. $5.71 \times 4 =$

A. 22.84
B. 2.84
C. 21.84
D. 2.184

5.NBT.7

12. Rebecca is framing a photo that has a width of 12 inches. The length of the photo is $1\frac{1}{3}$ times as long as it is wide. What is the length of the photo?

A. 8 inches
B. 16 inches
C. 24 inches
D. 36 inches

5.NF.5b

Summer Math- Rising 6th Grade WEEK 3

13. 719 x 8 =

A. 5,752

B. 5,742

C. 5,852

D. 5,842

5.NBT.5

14. Mark has 8 pieces of pizza that he wants to give equally to 6 friends. How many pieces will each friend get?

A. $1\frac{2}{3}$

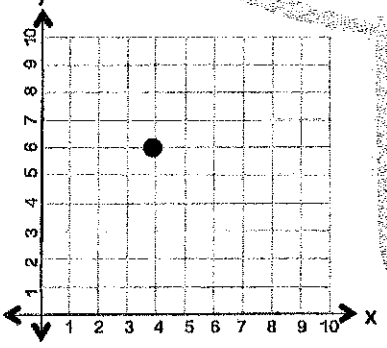
B. $1\frac{5}{6}$

C. $\frac{1}{48}$

D. $1\frac{1}{3}$

5.NF.3

15. What is the ordered pair for the given point?



A. (6,4)

B. (6,3)

C. (4,6)

D. (3,6)

5.G.1

16. Julia used a table to find how many chocolate chips to use for her chocolate chip cookies.

Cups of Chocolate Chips in Cookies				
Cookies	15	30	45	60
Cups of Chocolate Chips	1	2	3	4

What rule relates to the number of Cookies and the Cups of Chocolate Chips?

A. Divide by 15

B. Add 15

C. Subtract 15

D. Multiply by 5

5.OA.3

17. What is the volume of this rectangular prism?

A. 4 unit cubes

B. 12 unit cubes

C. 16 unit cubes

D. 20 unit cubes

5.MD.3a

Summer Math - Rising 6th Grade WEEK 4

18. It costs $8.95 to play mini golf. If Eric plays 3 times, how much total did it cost?

A. $24.75

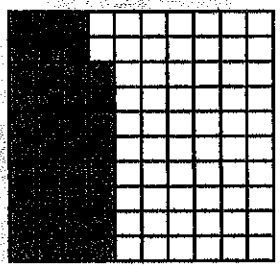
B. $24.85

C. $26.85

D. $26.75

5.NBT.7

19. What is the decimal shown by the shaded part?



A. 0.38

B. 3.8

C. 38

D. 380

5.NBT.1

20. $4.31 - 2.5 =$

A. 2.71

B. 2.81

C. 1.71

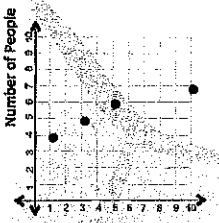
D. 1.81

5.NBT.7

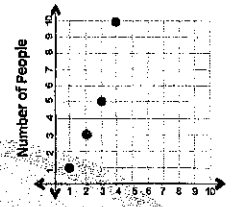
21. The data in the table below shows the number of people at the beach 1 hour, 2 hours, 3 hours, and 4 hours after noon. Which graph below display this data?

Number of People at Beach				
Hours after noon	1	2	3	4
Number of People	1	3	5	10

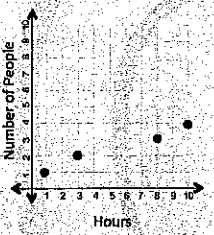
A



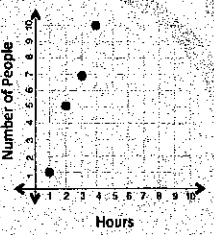
B



C



D



5.G.2

22. $5\frac{3}{5} - 2\frac{3}{10} =$

A. $2\frac{3}{10}$

B. $3\frac{3}{10}$

C. $3\frac{3}{5}$

D. $2\frac{3}{5}$

5.NF.1

Summer Math - Rising 6th Grade WEEK 5

23. Use rounding to estimate

$5.02 + 0.89 + 1.9$

A. 9
B. 6
C. 7
D. 8

5.NBT.7

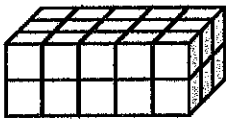
24. $3\frac{1}{2} \times 1\frac{1}{7} =$

A. 3
B. 4
C. 6
D. 5

5.NF.6

25. What is the volume if the length of 1 cube is 1 foot?

A. 30 ft^3
B. 24 ft^3
C. 15 ft^3
D. 40 ft^3



5.MD.5a, 5.MD.4, 5.MD.3b

26. $\frac{1}{6} \times 24 =$

A. 4
B. 5
C. 6
D. 7

5.NF.4a

27. Evaluate the expression

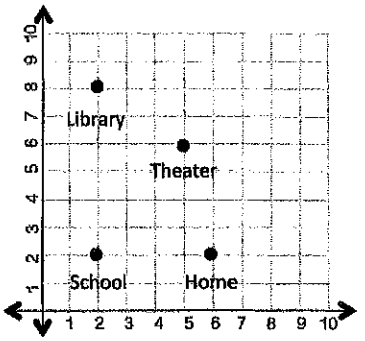
$$50 \div [(2 \times 3) + (4 \div 1)]$$

A. 20
B. 15
C. 10
D. 5

5.OA.1

28. Each unit is 1 mile. How far is the school from home?

A. 3 miles
B. 6 miles
C. 4 miles
D. 5 miles



5.G.2

Summer Math - Rising 6th Grade WEEK 6

29. 1880 ÷ 48 =

A. 39 R8
B. 39 R7
C. 38 R7
D. 38 R8

5.NBT.6

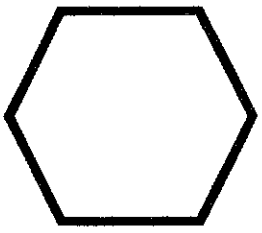
30. Natalie received $25 for her birthday. She used $10.15 of her birthday money to buy a gift for her friend. How much money did she have left?

A. $14.75
B. $14.85
C. $15.75
D. $15.85

5.NBT.7

31. What type of polygon is shown below?

A. Hexagon
B. Heptagon
C. Octagon
D. Pentagon



5.G.3

32. Name the place value to which this number was rounded.

0.826 to 0.83

A. Hundreds
B. Ones
C. Tenths
D. Hundredths

5.NBT.4

33. 0.06 x 0.8 =

A. 4.8
B. 0.48
C. 0.048
D. 0.0048

5.NBT.7

34. How would you describe this triangle?

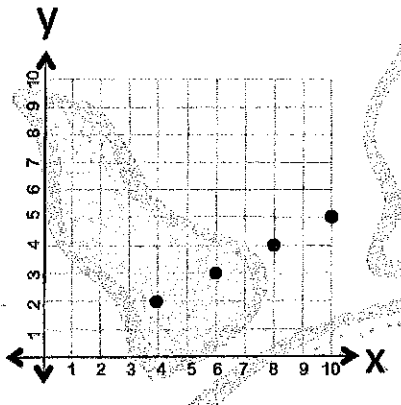
A. Isosceles and acute
B. Isosceles and right
C. Scalene and acute
D. Scalene and right

5.G.3

Summer Math - Rising 6th Grade WEEK 7

35. Using the graph and the table of ordered pairs, what is the missing number in the table?

x	y
10	5
8	4
6	3
4	



A. 2
B. 3
C. 4
D. 5

5.OA.3

37. Order from greatest to least

1.6, 1.61, 1.06, 1.66

A. 1.6, 1.06, 1.61, 1.66
B. 1.06, 1.6, 1.61, 1.66
C. 1.66, 1.61, 1.6, 1.06
D. 1.66, 1.61, 1.06, 1.6

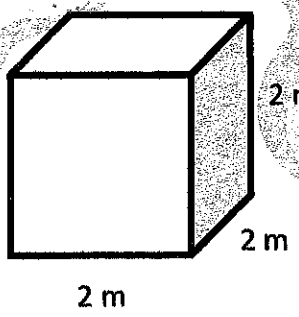
5.NBT.3b

38. $\frac{1}{4} \times \frac{3}{5} =$

A. $\frac{3}{9}$
B. $\frac{5}{20}$
C. $\frac{1}{3}$
D. $\frac{3}{20}$

5.NF.4b

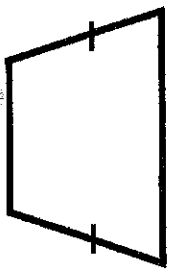
36. Find the volume of the cube.



A. 6 m^3
B. 8 m^3
C. 4 m^3
D. 10 m^3

5.MD.5b

39. What type of quadrilateral is shown below?



A. trapezoid
B. rhombus
C. rectangle
D. square

5.G.4

Summer Math - Rising 6th Grade WEEK 8

40. 1,752 ÷ 8 =

A. 119
B. 219
C. 218
D. 209

5.NBT.6

41. John has ½ of an apple pie that he wants to divide evenly among 4 people. How much pie would each of the 4 people have?

A. $\frac{1}{2}$
B. $\frac{1}{3}$
C. $\frac{1}{8}$
D. $\frac{1}{6}$

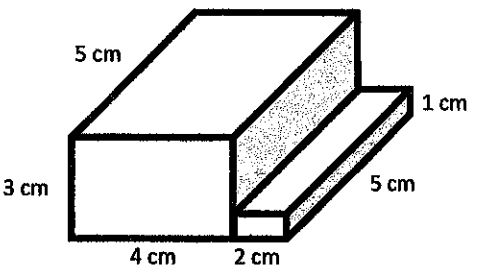
5.NF.7a

42. $6 \times 10^3 =$

A. 6003
B. 610
C. 600
D. 6000

5.NBT.2

43. Find the volume of this figure.



A. 70 cm^3
B. 19 cm^3
C. 100 cm^3
D. 35 cm^3

5.MD.5

44. $0.07\overline{)0.315}$

A. 4.5
B. 45
C. 450
D. 0.45

5.NBT.7

Summer Math - Rising 6th Grade WEEK 10

50. $\frac{3}{5} - \frac{1}{10} =$

A. $\frac{1}{5}$

B. $\frac{7}{10}$

C. $\frac{1}{2}$

D. $\frac{3}{5}$

5.NBT.3a

51. Nicole has ½ quart of soda to pour equally into 8 glasses. Which equation represents the fraction of a quart of soda, q, that is in each glass?

A. ½ ÷ 8 = q

B. 8 ÷ ½ = q

C. ½ x 8 = q

D. 8 + ½ = q

5.NF.2

52. 12 yards = _____ feet

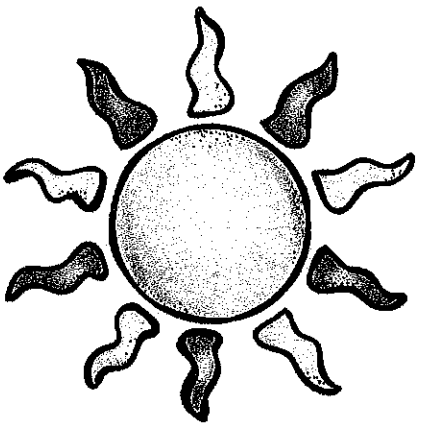
A. 4

B. 36

C. 8

D. 18

5.MD.1



Congratulations!
You have finished the Summer Math Packet.
Enjoy the rest of the summer

Name: _____ Date:_____

Rising 6th Grade Summer Math Recording Sheet

Please record your answers below. Use A, B, C, or D

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

Name: _____ Date:_____

Rising 6th Grade Summer Math Recording Sheet

Answer Key

Please record your answers below. Use A, B, C, or D

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