

6th Grade: Week 2 Packet

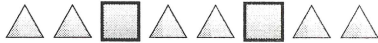
Included in the Packet:

- 6th Grade Fall Math Common Core Assessment: This assessment includes skills students should have by the end of 6th grade. We do not expect students to know all these skills and they should only do the problems they know how to do. They will retake this assessment again at the end of the year to see their growth.
 - Please do not help your student with this assessment, teachers will direct students through Google Classroom on when they should complete this assessment during week 2 of remote learning.
- Morrison-McCall Spelling Test Form: This is just a form for students to use when they are given their beginning of the year spelling test. They may also use a blank piece of paper to take the test.
 - Teachers will provide more information of when this test will be given through Google Classroom, again please do not help your student with this assessment.
- Getting To Know You Survey: Used to determine how your student learns best.
 - Teachers will provide more information of when this survey will be done through Google Classroom, some teachers may have an electronic version they will use.
- Grammar Symbol Review Page: Will be used during Grammar/Language lessons, teachers will give further instructions in Google Classroom on when/how to complete.
- Multiplication Table Tool: For use to help with math facts when students are practicing and doing follow-up work. Not to be used with math assessments.



Solve each problem.

- 1) What is the ratio of triangles to squares?



- 2) At an orchard the ratio of green apples to red apples was 3:8. For every _____ red apples there were _____ green apples.
- 3) A movie theater went through 3 pounds of popcorn every 10 hours. They went through _____ of a pound every hour.

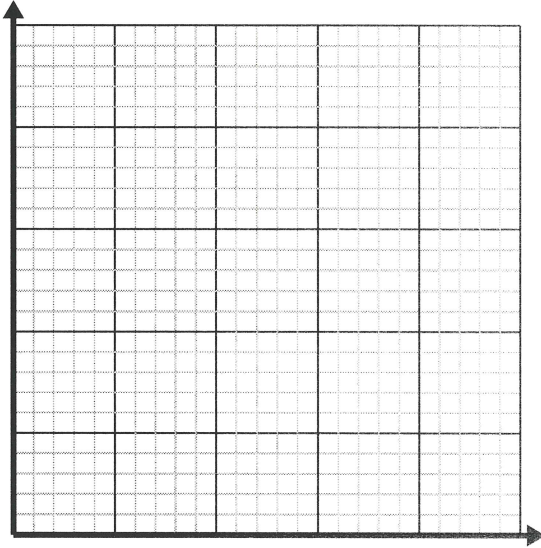
- 4) Fill in the missing number.

In		29	70	11	37
Out	105	39	80	21	47



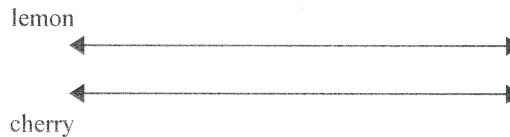
- 5) Every minute 5 books are printed.

Create a table showing the books printed over the course of 5 minutes, then plot the values on the coordinate plane.



- 6) Use the double numberline to solve.

A box of candy had 5 cherry pieces for every 8 lemon pieces. If the box had 48 lemon pieces, how many cherry pieces would there be?



- 7) At a farming supply store 6 pounds of seed cost \$92.88. If a farmer needed 7 pounds of seeds, how much would it cost him?

- 8) 3 minutes to type 279 words

Ratio = _____

Rate = _____ words per minute

- 9) What is 50% of 130?



- 10) Reduce the ratio to its lowest form.

$$6 : 2 = \underline{\hspace{2cm}}$$

- 11) Kaleb was playing checkers with a friend. The ratio of games Kaleb won was 8 : 7. If Kaleb won 40 games, how many games did his friend win?

- 12) Every centimeter is 10 millimeters. Write an equation to express the total number of millimeters (Z) in (y) centimeters.

- 13) Every quart is 2 pints. This can be expressed using the equation $y \times 2 = Z$, where y is equal to the number of quarts and Z is equal to the total number of pints. Using this equation find the total pints in 8 quarts.

- 14) Answer as a mixed number (if possible).

$$8 \frac{2}{4} \div 6 \frac{4}{5} =$$

- 15) Use the numberline to solve: $3 \div \frac{3}{5} =$





16) $21 \overline{) 399}$

17) $5.155 \times 8.344 =$ _____

18) $36.614 - 13.28 =$ _____

19) $33.976 + 68.94 =$ _____

20) $0.836 \div 2.2 =$ _____

21) Rewrite the expression as a multiple of a sum of two numbers with no common factor.
 $18 + 27$ _____

22) Find the greatest common factor of:
8 & 20

23) Find the least common multiple.
11 & 9

24) Which number is less?
-21 or 25?

25) What number is the opposite of -30?



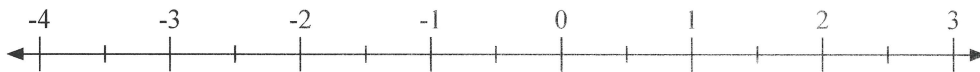
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26) Find the quadrant for each coordinate.

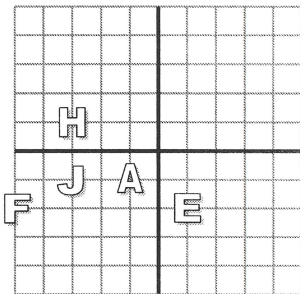
- A. (18, -1) B. (18, 1)
C. (-18, 1) D. (-18, -1)

27) On a grid, starting at (0,0) if you were to go 2 units down and 4 units right what coordinates would you end up at? What quadrant would you be in?

28) Mark the location of $1\frac{1}{2}$



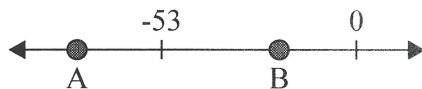
29) What letter is at the coordinates: (1,-2)



30) Use $>$, $<$ or $=$ to compare.

-81 _____ 89

31) Which letter best shows -21?

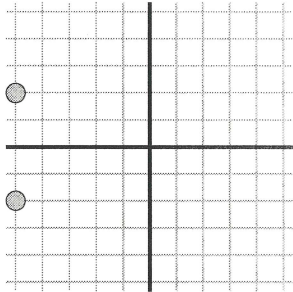


32) Determine the value shown:

$|-67|$



33) Find the distance between points.



34) Solve the problem.

$$9^2$$

35) Which choice best represents:

Find R times as much as 2

A. $2 \times R$

B. $R \times 2$

36) $4 \times 8 \times 81 \div 3 \times (5 - 4) - 8 =$

37) Which expression would be solved first?

$$(8 + 36 \div 9) + 4 - 2$$

38) Apply the distributive property to produce an equivalent expression to:

$$21j + 15$$

39) Which choice(s) best shows the value of 'e' (or none).

$$3e + 9 < 32$$

A. 3

B. 3

C. 2

D. 5

40) Write as an equation / inequality.

-58 is greater than x.

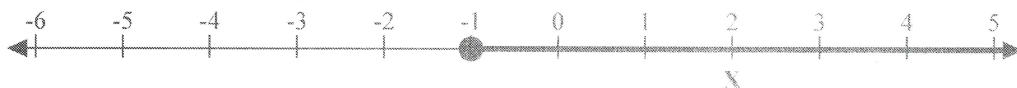


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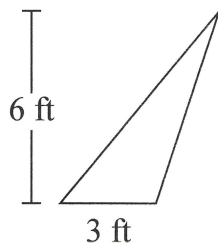
41) Express $X < -100$ using the numberline below.



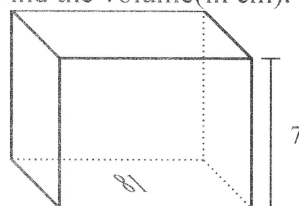
42) Write an inequality to express the numberline.



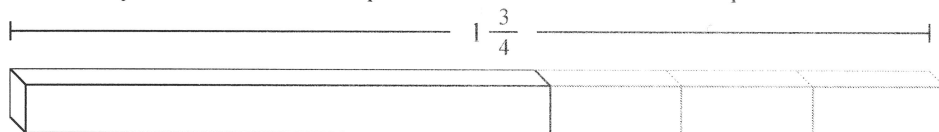
43) Find the area.



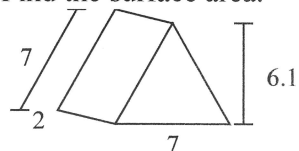
44) Find the volume (in cm).

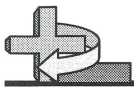


45) How many smaller fractional pieces can be made from this piece.



46) Find the surface area.





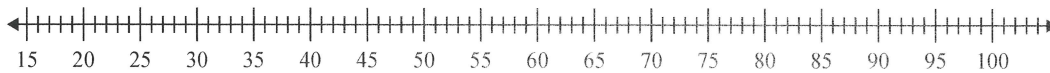
Name: _____

47) Determine if the question posed is a statistical question (yes) or not (no).
How many classmates have a game app on their phone?

48) Find the average of the numbers:
41 & 63

49) Find the 1st, 2nd (median) and 3rd quartile of this set of numbers:
4, 2, 5, 2, 5, 5, 5

50) Create a box plot using the following numbers:
93, 76, 70, 27, 78, 52, 51, 87, 87



Morrison-McCall Spelling List

Name _____ Date _____ Grade _____

1.	16.
2.	17.
3.	18.
4.	19.
5.	20.
6.	21.
7.	22.
8.	23.
9.	24.
10.	25.
11.	26.
12.	27.
13.	28.
14.	29.
15.	30.

Morrison-McCall Spelling List

31.	41.
32.	42.
33.	43.
34.	44.
35.	45.
36.	46.
37.	47.
38.	48.
39.	49.
40.	50.

Correct _____ Grade Status _____ EA Section _____

Getting To Know You Survey

Name _____

Directions:

Fold this paper on the dashed vertical line so that the eight columns on the right are folded back. Then read each statement below and rate it from 0 to 5 according to how well the description fits you (0 = Not at All to 5 = Very True). Next unfold the survey and transfer each number over to the outlined block on the same row. Finally, add the numbers in each column to find the total score for each multiple intelligence area. The highest possible score in each area is 15. What are your top strengths and areas for growth?

Which of the following are true about you?

0-5

Naturalist

Mathematical - Logical

Verbal - Linguistic

Musical - Rhythmic

Visual - Spatial

Bodily-Kinesthetic

Interpersonal

Intrapersonal

I find myself singing or humming many times during the day.								
I love crossword puzzles and other word games.								
I like spending time by myself.								
Charts, maps, and graphic organizers help me learn.								
I learn best when I can talk over a new idea.								
I enjoy art, photography, or doing craft projects.								
I often listen to music in my free time.								
I get along well with different types of people.								
I often think about my goals and dreams for the future.								
I enjoy studying about the earth, weather, and nature.								
I like learning about animals and taking care of pets.								
I love projects that involve acting or moving.								
Written assignments are usually easy for me.								
I can learn new math ideas easily.								
I play a musical instrument (or would like to).								
I am good at physical activities like sports or dancing.								
I like to play games involving numbers and logical thinking.								
My best way to learn is by doing hands-on activities.								
I love painting, drawing, or designing on the computer.								
I often help others without being asked.								
If given a choice, I'd much rather be outside than inside.								
I love the challenge of solving a difficult math problem.								
Having quiet time to think over ideas is important to me.								
I read for pleasure almost every day.								
Totals →								

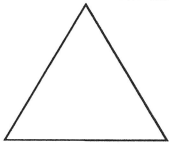
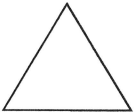
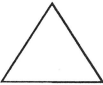
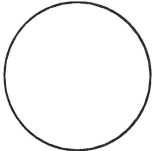
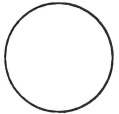

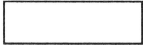


Nature Math Word Music Art Body People Self

Name _____

Date _____

Grammar Symbol Review

Color and label each symbol. In the space to the right record its definition and give at least two examples.

MATH TOOL

Multiplication Table

×	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144