Entering Pre-Algebra
Summer Math Maintenance

Dear Parents,

Summer is nearly here - hooray! While we look forward to a summer of rest and relaxation, we want to ensure that our students do enough math review and practice to keep their skills sharp for the fall! The purpose of this packet is to make sure you have options that will work for you and your child(ren). **Teachers will test students at the beginning of the year on the topics listed under "Required Skills."** Furthermore, although teachers will not be collecting math work from students in the fall, students are encouraged to keep up their arithmetic skills, review math concepts, and continue to explore other topics they are interested in. Intentionally incorporating math into daily activities will promote student success in the new school year. Have a wonderful summer!

Required Skills: (WILL BE TESTED IN THE FALL)

It is expected that students are proficient with <u>0-12 multiplication facts.</u> Multiplication is *fundamental* to more advanced work in math. Furthermore, students will be expected to complete <u>computations with negative numbers</u> (integers), <u>decimals, and fractions</u>. 5-10 minutes of practice per day can make a big difference. A variety of practice options are provided in this list.

Skills to review before Pre-Algebra:

- Solid memorization of multiplication facts 0-12
- Operations with integers, decimals, and fractions
- Comparing using inequality signs
- Order of operations
- Solving one-step equations
- Multiply and divide by powers of 10
- Exponents and square roots
- Converting between decimals, fractions, and percents
- Perimeter and Circumference
- Area (square, rectangle, triangle, parallelogram, circle)
- Graphing points on the coordinate plane

Tech Free Resources:

- Students will receive a hard copy math packet from their current math teacher with an answer key. Students are strongly encouraged to complete it.
- Math review workbooks. Some options below:
  - Spectrum Math - Grade 6 (ISBN 978-0769636962)
  - Spectrum Math - Grade 7 (ISBN 978-0769636979)
  - Spectrum Enrichment Math - Grade 6 (ISBN 978-0769659169)
  - Spectrum Enrichment Math - Grade 7 (ISBN 978-0769663371)
  - Summer Skills - Summer Math Sharpener 6th Grade (https://www.summerskills.com)

- Spectrum Enrichment Math - Grade 7 (ISBN 978-0769663371)
- Summer Skills - Summer Math Sharpener 6th Grade (https://www.summerskills.com)

Online Resources:

- **IXL** (www.ixl.com): IXL is a website that provides a wide variety of practice problems and explanations. Families may purchase a monthly subscription ($13-$20 monthly). With an account the student receives targeted practice in weak areas. Exercises for students entering Pre-Algebra can be found in the 7th grade section of the website.
- **Khan Academy** (www.khanacademy.org): free; provides step by step instructions and practice problems covering a wide variety of topics with video explanations of topics if the student is confused and needs a refresher. You can create a free account to track progress. Students should review Khan Academy's 6th grade math course, as well as 7th grade math unit 2 (proportions), units 3 and 5 (operations with negative numbers and order of operations), unit 6 (distributive property), and unit 9 (circumference and area of a circle).
- **Arcademics** (www.arcademics.com/games): free (optional subscription adds data analysis); provides games covering arithmetic, ratios, time, decimals, and fractions.
- **Mathigon** (www.mathigon.org): free; interactive fun practice and exposure to mathematical concepts. Great problem solving activities and multiplication practice. The flashcards provide fluency practice with visual models.
- **Math Playground** (www.mathplayground.com): free; math games providing good fluency practice. Website was developed by a teacher
- **Puzzle Playground** (https://www.puzzleplayground.com): free; same developer as Math Playground but focusing on logic puzzles.
- **Primary Games - Math Flashcards** (https://www.primarygames.com/math/flashcards): free flashcards for fluency practice, including multiplication facts.
- **Buzz Math** (www.buzzmath.com): free 30 day trial

Apps:

- **iDevBooks: Long Division, Long Multiplication, Order of Operations, and Fraction Math**: apps for practicing arithmetic skills
- **Math Board**: Great for drilling math facts.
- **Quick Math+ - Multiplication Table and Arithmetic Game**: Good practice for math facts while trying to beat the clock.
- **Spin!t Integers:** game designed to help students practice integer operations and the order of operations in a fun way

7th grade

Summer Math Homework

Miss Hanley

1. Multiplication + Division Facts Sheets
    a. Four sheets each
    b. They feature the same two sets of problems in different formats
    c. Students should be able to complete one page (100 facts) in three minutes (180 seconds)
2. Quarterly Test Worksheets
    a. 10 pages
    b. These worksheets review all of the material covered over the past school year.
    c. Students may use their workbooks as reference for help in completing, and to reteach themselves forgotten material

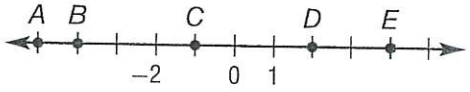
Additional Resources for HSPT, coming up in 8th grade:

- You can find books by the following publishers on Amazon. Definitely look for texts which include actual practice tests!
    - Barron's
    - Elevate Prep
    - Peterson's
    - Test Prep
    - Accepted

Name _____

Quarterly Test 1
Free Response

Write the integer that corresponds to each letter on the number line.



1. A _____ **2.** B _____ **3.** C _____ **4.** D _____ **5.** E _____

Find the sum or difference.

6. $34 + (-12)$ _____ **7.** $-9 - 8$ _____ **8.** $-20 + 15$ _____

Find the product or quotient.

9. $28 \div (-2)$ _____ **10.** $-6(-11)$ _____ **11.** $\frac{-36}{4}$ _____

Name the property and find the value of n.

12. $-8(13 + 4) = (-8n) + (-8 \cdot 4)$ _____ **13.** $0 = -113n$ _____

Simplify.

14. $\frac{8^9}{8^3}$ _____ **15.** $3^5 \cdot 3^2$ _____ **16.** $12^4(12^6)$ _____

17. $15 + (5^4 \div 5^3)$ _____ **18.** $-36 - [3 \cdot (-1)^3]$ _____ **19.** $[5^0 + (-10)] \cdot 4^2$ _____

Identify the quadrant or axis that indicates the location of the point.

20. $(-4, 3)$ _____ **21.** $(0, -6)$ _____ **22.** $(7, -1)$ _____

Evaluate each expression when $x = 2$ and $y = -5$.

23. $3(x + y)$

24. $\frac{xy}{5}$

25. $y - x$

Solve and check.

26. $p - 7 = -3$

27. $n - |-19| = 22$

28. $-35 = m + 4$

29. $-8r = 104$

30. $s(-20) = 160$

31. $\frac{t}{-9} = -6$

32. $\frac{x}{7} + 15 = 0$

33. $-6 = 4y - 2$

34. $7z - 32 = -11$

Use the perimeter formula for a rectangle, $P = 2(\ell + w)$, to solve.

35. Find P when $\ell = 45$ and $w = 4$.

36. Find ℓ when $P = 20$ and $w = 3$.

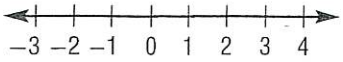
Use a variable to represent each situation as an inequality.

37. Four times a number is less than -12.

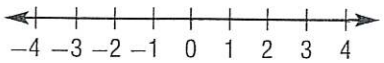
38. A rope is at least 15 feet long.

Graph each inequality on the number line.

39. $x < -2$



40. $-3 \leq y$



Solve each inequality.

41. $z - 50 > 2$

42. $17 + m \geq -21$

43. $6 < n + 10$

Solve each inequality.

44. $\frac{r}{6} < -7$

45. $2 > \frac{q}{35}$

46. $\frac{p}{-4} \geq -9$

47. $12s \leq 72$

48. $-8t < -56$

49. $63 \geq -21v$

Compare these numbers. Write <, =, or >.

50. $\frac{3}{100}$ _____ 0.003

51. $4.\overline{18}$ _____ 4.182

52. $-1\frac{1}{4}$ _____ -1.4

Estimate. Then find the actual sum, difference, product, or quotient.

53. $-8.78 + 2.91$

54. $16.23 - (-11.84)$

55. $(-7.9)0.4$

56. $-46.11 \div -8.7$

Compute. Write each answer in scientific notation.

57. $13(2.7 \times 10^{9})$

58. $40(9.13 \times 10^{-6})$

Solve.

59. $v + 16.5 = 40.3$

60. $t - 3.2 = -7.6$

61. $\frac{x}{8.9} = 2.4$

62. $8.93 = -4.7y$

63. $13.6z - 11 = -1.48$

64. $\frac{m}{-5.4} + 37.3 = 36.8$

Rename each measure.

65. 7.2 mm = _____ m

66. 4.41 kg = _____ g

67. 95.3 cL = _____ kL

Solve. Show your work.

68. A bicyclist is riding at an average speed of 15 miles per hour. If she keeps up this speed, how long will it take her to ride more than 90 miles?

69. The Sun is about 9.14×10^7 miles from Earth. How far from Earth is a photon that has traveled fourth-fifth of the distance from the Sun to Earth?

70. Harriet had \$975 in her bank account at the start of the month. During the month, she made a deposit of \$64 and two withdrawals: \$90 and \$212. How much money was in her account at the end of the month?

71. The chess club is having a car wash. The members hope to raise at least \$200. They charge \$8 per car. The first customer gave them a \$24 tip. How many cars do they need to wash to meet their goal?

72. Tina has a rectangular fish pond that is 6 ft long and 4 ft wide. She wants to put stepping stones around it, making a 1-ft wide walkway. How many square feet of stones does she need?

73. A remote submersible vehicle was lowered into the sea at a rate of 14.3 meters per minute. Then it was raised 46 meters and began working at a depth of 125.6 meters. How many minutes was the vehicle lowered?

74. Robert walked to school, then to the library, and then back home. The distance from the school to the library is three miles. The distance from the library to his home is four miles. He walked a total of nine miles. What is the distance from his home to the school?

75. A dog walker has to walk six dogs that live in one apartment. He can walk two dogs at a time. How many ways can he pick two dogs from the group?

76. A winter storm hit Pine City. The temperature dropped three degrees per hour. If the trend continues, how many degrees will the temperature drop from noon until midnight?

77. Stephen has one more \$10 bill than \$5 bills. He has twice as many \$1 bills as \$5 bills. The bills total \$61. How many of each bill does Stephen have?

Quarterly Test 2
Free Response

Name _____

Find the LCD for each.

1. $\frac{2}{3}, \frac{5}{6}, \frac{1}{8}$ _____

2. $\frac{5}{9}, \frac{8}{12}, \frac{3}{4}$ _____

3. $\frac{4}{5}, \frac{1}{2}, \frac{2}{7}$ _____

Order from least to greatest.

4. $1.25, \frac{3}{5}, -1.2$ _____

5. $\frac{2}{5}, \frac{-3}{5}, \frac{4}{7}$ _____

6. $4\frac{2}{3}, -4\frac{3}{5}, -4\frac{5}{6}$ _____

Find each sum or difference.

7. $\frac{5}{8} + \frac{4}{9}$ _____

8. $1\frac{1}{7} - \frac{4}{5}$ _____

9. $8\frac{3}{4} + 7\frac{2}{6} + 2\frac{1}{2}$ _____

Find each product or quotient.

10. $\frac{6}{8} \div \frac{4}{8}$ _____

11. $4\frac{4}{7} \cdot \frac{3}{8}$ _____

12. $3\frac{2}{8} \div 1\frac{1}{2}$ _____

Simplify.

13. $\left(2 - \frac{1}{3}\right)(-3)^3 + 12$ _____

14. $-\frac{8}{9} \cdot 4\frac{1}{2} + 48 \div 16$ _____

15. $8\left(12\frac{3}{4} + \frac{1}{8}\right) \div (10^2 + 3)$ _____

Solve.

16. $2\frac{1}{2}x + 15 = 30$ _____

17. $1 = \frac{m}{8} - 2\frac{1}{6}$ _____

18. $12.5 + \left(-1\frac{1}{2}\right)h = 3.5$ _____

Which is the better buy?

19. 4 bags for \$3.50 or 3 bags for \$3.10 _____

20. 8 lb for \$2.25 or 7 lb for \$1.85 _____

The scale on a map is 1 inch = 12 miles. Find the map measure for each distance.

21. 3 miles

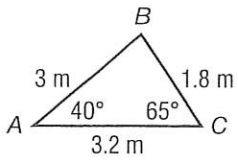
22. 42 miles

23. 300 miles

Triangle *ABC* is similar to Triangle *DEF*. Find each missing measure.

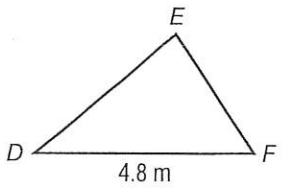
24. DE

25. EF



26. $m\angle B$

27. $m\angle F$



It takes 6 workers 15 hours to paint a building. Find the amount of time that each group of workers needs to do the job.

28. 10 workers

29. 3 workers

30. 8 workers

Find each unit price to the nearest cent.

31. 14 oz for \$3.60
Find the price per pound.

32. 1.5 gal for \$9.90
Find the price per quart.

Order from greatest to least.

33. $-0.2, \frac{1}{5}, 25\%, \frac{-4.8}{16}$

34. $5\frac{1}{3}, 5.35, 5\frac{1}{3}\%, 0.25$

Solve.

35. What percent of a 360° circle is 90°?

36. What is 35% of 70?

37. 60% of what number is 30?

38. Is 14 greater or less than 21% of 56?

Use proportional reasoning to make a prediction.

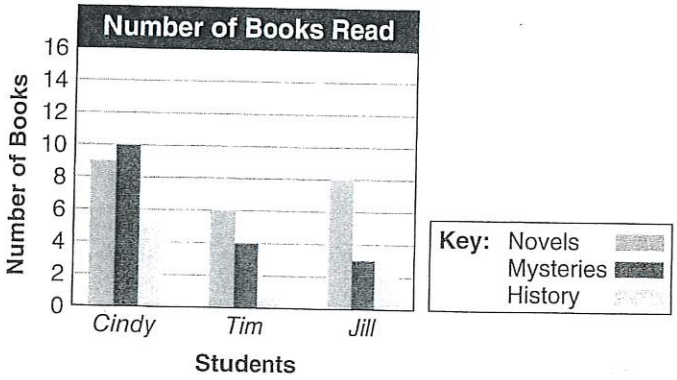
39. Of 20 customers, 12 are satisfied with service. Out of 120 customers, how many will be satisfied with service?

_____

40. Of 300 voters, 240 said they would vote for the mayor. How many voters out of 6500 will vote for the mayor?

_____

Use the graph to answer questions 41 and 42.



41. What is the mean number of books read per student?

_____

42. Which student read the most books?

_____

Use the stem-and-leaf plot to answer questions 43 and 44.

43. What is the mode of all the weights?

_____

44. What is the median weight of the dogs?

_____

Weight of Animals in Pet Show (pounds)

Dogs		Cats
Leaves	Stem	Leaves
2 1 0 7 5 1 6 6 2 8	1 2 3 4	0 1 2 2 5 0 1

Key : 10 lb = 0|1|0 = 10 lb

Write *positive*, *negative*, or *no correlation* for each situation.

45. rate of drainage and water level remaining after 5 minutes

_____

46. time spent swimming and total calories used

_____

47. number of holidays and number of honor students

_____

Write *biased* or *not biased* for each survey question about including vegetarian (without meat, dairy, or eggs) food on a lunch menu.

48. Is including vegetarian food on the lunch menu a good idea?

_____

49. Would you like to eat more healthy lunch food?

_____

50. Would you like to eat delicious spinach at lunch?

_____

Solve. Show your work.

51. Mel weeded for $4\frac{3}{4}$ hours, earning \$5.80 per hour. He also mowed lawns for $5\frac{1}{2}$ hours. In all, he earned \$74.30. How much did he earn per hour mowing lawns? Explain.

52. A square garden has 5 fence posts on each side. Two on each side are corner posts. There is a distance of $3\frac{1}{2}$ yards between each post. What is the perimeter of the garden? Explain.

53. Sue bikes at a rate of 15 miles for 1.25 hours. If she takes 0.75 hour to bike the same distance next week, how fast will she bike then? Explain.

54. Tom's model plane used the scale 1 inch equals 12.5 feet. If the wing of the model is 1 foot 3 inches long, how many feet long is the wing of the plane that the model represents? Explain.

55. A store sells pants for \$35, which includes a 75% markup. Will the store make a profit, take a loss, or break even if it has a 75% off sale next week? Explain.

56. How much is owed after 36 months on a \$300 loan if the rate of simple interest is 5%?

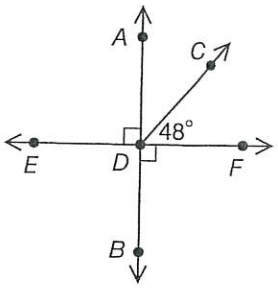
57. In Zeke's class, everyone plays tennis or soccer. Ten students play tennis, 5 students play soccer, and 4 students play both. How many students are in the class? Explain.

58. Tyler scored 88, 85, 94, 99, and 95 on his math tests. After the next test, his mean score was 91.5. What was his sixth test score? Explain.

Name _____

Quarterly Test 3
Free Response

Identify each angle or angle measure in the diagram.



1. two straight angles _____

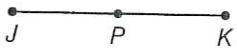
2. a pair of complementary angles _____

3. two obtuse angles _____

4. the measure of $\angle EDC$ _____

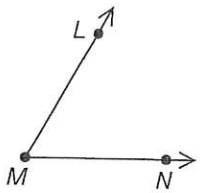
Use a straightedge and compass for questions 5–7.

5. Construct a line segment congruent to $\overline{JK}$.



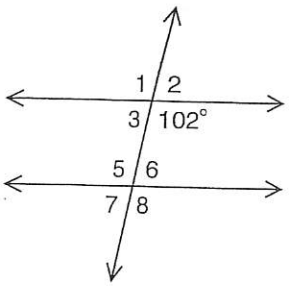
6. Construct a line perpendicular to $\overline{JK}$ through point P.

7. Construct the bisector of $\angle LMN$.



Find each measure.

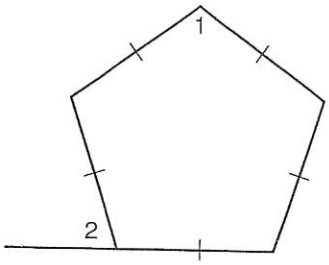
8.



m∠1 _____

m∠6 _____

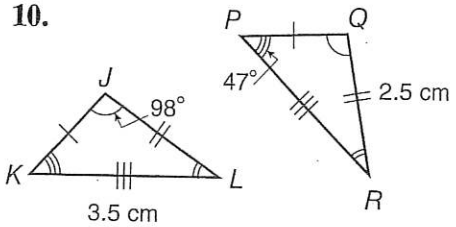
9.



m∠1 _____

m∠2 _____

10.



m∠PRQ _____

m$\overline{JL}$ _____

Complete the table. Then use the data to make a circle graph in question 15.

	Votes for Team Jersey Color		
	Color	**Percent(%)**	**Degrees in sector**
11.	Black	35%	
12.	Red		18°
13.	Orange	40%	
14.	Navy		72°

15. Votes for Team Jersey Color

Find the number of significant digits.

16. 102.30 _____ **17.** 0.005 _____ **18.** 2.007 _____ **19.** 65.1050 _____

Evaluate each expression for $a = 4$ and $b = 3$.

20. $\sqrt{3a^2 + ab + 4}$

_____

21. $\sqrt{5a^2 - 4ab + 4}$

_____

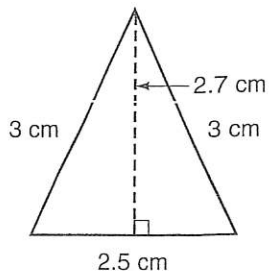
Find the length of the missing side in each right triangle to the nearest tenth.

22. leg a = 8 ft
leg b = 6 ft
hypotenuse c = _____

23. leg a = _____
leg b = 12 m
hypotenuse c = 13 m

Find the perimeter and area of each figure to the nearest tenth.

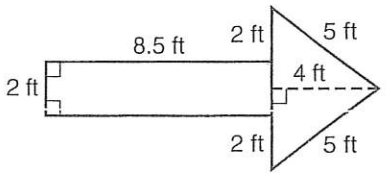
24.



P = _____

A = _____

25.



P = _____

A = _____

Find the circumference and area for each circle. Use 3.14 to approximate π and round to the nearest tenth.

26. a circle with a radius of 9 cm

$C \approx$ _____

$A \approx$ _____

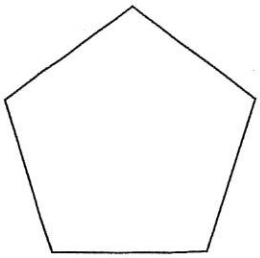
27. a circle with a diameter of 4.2 feet

$C \approx$ _____

$A \approx$ _____

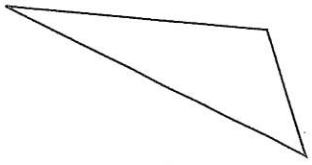
Determine the lines of symmetry for each figure and tell if the figure tessellates.

28.



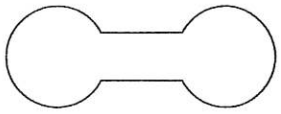
_____

29.



_____

30.



_____

Multiplication Facts 0-12 Worksheet D1
Item 4007-D1

Name_____
Date _____ Score _____/100

Minute Marker

1	2	3	4	5

Multiplication Facts 0 - 12

timed drill with 100 problems.

9 × 8 =_____	10 × 5 =_____	12 × 9 =_____	6 × 4 =_____	2 × 1 =_____
7 × 3 =_____	11 × 5 =_____	8 × 0 =_____	9 × 2 =_____	10 × 1 =_____
12 × 2 =_____	9 × 6 =_____	4 × 2 =_____	10 × 3 =_____	11 × 1 =_____
7 × 0 =_____	1 × 1 =_____	5 × 2 =_____	8 × 6 =_____	9 × 3 =_____
6 × 7 =_____	0 × 4 =_____	10 × 8 =_____	10 × 6 =_____	4 × 8 =_____
7 × 5 =_____	3 × 0 =_____	12 × 6 =_____	11 × 9 =_____	10 – 0 =_____
10×10 =_____	9 × 5 =_____	5 × 3 =_____	12 × 5 =_____	11 × 0 =_____
1 × 9 =_____	2 × 6 =_____	12 × 0 =_____	5 × 4 =_____	2 × 2 =_____
3 × 1 =_____	11 × 8 =_____	7 × 4 =_____	12×11 =_____	8 × 1 =_____
6 × 6 =_____	10 × 4 =_____	11 × 7 =_____	12 × 8 =_____	1 × 0 =_____
0 × 9 =_____	3 × 8 =_____	12 × 4 =_____	10 × 7 =_____	12×10 =_____
8 × 5 =_____	9 × 9 =_____	10 × 9 =_____	5 × 0 =_____	4 × 1 =_____
11 × 4 =_____	11×10 =_____	7 × 1 =_____	12×12 =_____	4 × 9 =_____
3 × 2 =_____	3 × 9 =_____	8 × 7 =_____	7 × 2 =_____	11 × 3 =_____
12 × 3 =_____	11 × 6 =_____	10 × 2 =_____	4 × 6 =_____	8 × 2 =_____
7 × 7 =_____	6 × 5 =_____	5 × 1 =_____	4 × 3 =_____	2 × 0 =_____
3 × 5 =_____	4 × 7 =_____	0 × 0 =_____	5 × 5 =_____	6 × 1 =_____
1 × 5 =_____	11×12 =_____	10×11 =_____	8 × 8 =_____	6 × 0 =_____
11×11 =_____	6 × 3 =_____	4 × 4 =_____	11 × 2 =_____	12 × 1 =_____
5 × 8 =_____	7 × 9 =_____	9 × 4 =_____	12 × 7 =_____	5 × 6 =_____

Multiplication Facts 0-12 Worksheet D
Item 4007-D

Name_____
Date _____ Score _____/100

Minute Marker

1	2	3	4	5

Multiplication Facts 0 - 12

timed drill with 100 problems.

9 × 8	10 × 5	12 × 9	6 × 4	2 × 1	7 × 3	11 × 5	8 × 0	9 × 2	10 × 1
12 × 2	9 × 6	4 × 2	10 × 3	11 × 1	7 × 0	1 × 1	5 × 2	8 × 6	9 × 3
6 × 7	0 × 4	10 × 8	10 × 6	4 × 8	7 × 5	3 × 0	12 × 6	11 × 9	10 × 0
10 × 10	9 × 5	5 × 3	12 × 5	11 × 0	1 × 9	2 × 6	12 × 0	5 × 4	2 × 2
3 × 1	11 × 8	7 × 4	12 × 11	8 × 1	6 × 6	10 × 4	11 × 7	12 × 8	1 × 0
0 × 9	3 × 8	12 × 4	10 × 7	12 × 10	8 × 5	9 × 9	10 × 9	5 × 0	4 × 1
11 × 4	11 × 10	7 × 1	12 × 12	4 × 9	3 × 2	3 × 9	8 × 7	7 × 2	11 × 3
12 × 3	11 × 6	10 × 2	4 × 6	8 × 2	7 × 7	6 × 5	5 × 1	4 × 3	2 × 0
3 × 5	4 × 7	0 × 0	5 × 5	6 × 1	1 × 5	11 × 12	10 × 11	8 × 8	6 × 0
11 × 11	6 × 3	4 × 4	11 × 2	12 × 1	5 × 8	7 × 9	9 × 4	12 × 7	5 × 6

Multiplication Facts 0-12 Worksheet C1
Item 4007-C1

Name_____
Date _____ Score _____/100

Minute Marker

1	2	3	4	5

Multiplication Facts 0 - 12

timed drill with 100 problems.

11 × 7 =_____	2 × 0 =_____	12 × 4 =_____	5 × 2 =_____	10 × 8 =_____
9 × 6 =_____	7 × 2 =_____	10 × 3 =_____	11 × 9 =_____	4 × 1 =_____
12 × 2 =_____	8 × 5 =_____	9 × 9 =_____	10 × 0 =_____	3 × 1 =_____
11 × 6 =_____	12 × 9 =_____	0 × 0 =_____	6 × 3 =_____	8 × 2 =_____
7 × 4 =_____	11 × 3 =_____	9 × 4 =_____	6 × 0 =_____	10 × 7 =_____
12 × 8 =_____	7 × 6 =_____	3 × 2 =_____	9 × 5 =_____	5 × 0 =_____
9 × 0 =_____	4 × 2 =_____	10 × 5 =_____	12 × 7 =_____	1 × 0 =_____
12 × 5 =_____	6 × 4 =_____	5 × 1 =_____	8 × 0 =_____	11 × 4 =_____
11 × 2 =_____	8 × 7 =_____	5 × 4 =_____	10 × 6 =_____	11×10 =_____
12×11 =_____	7 × 0 =_____	3 × 3 =_____	8 × 6 =_____	9 × 7 =_____
12 × 1 =_____	9 × 2 =_____	3 × 6 =_____	10 × 9 =_____	12 × 3 =_____
11 × 1 =_____	5 × 3 =_____	11 × 0 =_____	2 × 1 =_____	6 × 6 =_____
3 × 0 =_____	12 × 6 =_____	8 × 1 =_____	5 × 5 =_____	10 × 2 =_____
2 × 6 =_____	7 × 5 =_____	6 × 1 =_____	4 × 0 =_____	8 × 4 =_____
12 × 0 =_____	6 × 2 =_____	4 × 3 =_____	9 × 1 =_____	10×10 =_____
9 × 8 =_____	11 × 5 =_____	7 × 1 =_____	12×10 =_____	7 × 7 =_____
11×11 =_____	6 × 5 =_____	2 × 2 =_____	11× 8 =_____	10 × 1 =_____
12×12 =_____	7 × 3 =_____	2 × 8 =_____	3 × 5 =_____	8 × 3 =_____
2 × 4 =_____	9 × 3 =_____	4 × 9 =_____	5 × 7 =_____	7 × 8 =_____
6 × 4 =_____	9 × 7 =_____	3 × 4 =_____	4 × 6 =_____	2 × 7 =_____

Multiplication Facts 0-12 Worksheet C
Item 4007-C

Name_____
Date _____ Score _____/100

Minute Marker

1	2	3	4	5

Multiplication Facts 0 -12

timed drill with 100 problems.

11 × 7	2 × 0	12 × 4	5 × 2	10 × 8	9 × 6	7 × 2	10 × 3	11 × 9	4 × 1
12 × 2	8 × 5	9 × 9	10 × 0	3 × 1	11 × 6	12 × 9	0 × 0	6 × 3	8 × 2
7 × 4	11 × 3	9 × 4	6 × 0	10 × 7	12 × 8	7 × 6	3 × 2	9 × 5	5 × 0
9 × 0	4 × 2	10 × 5	12 × 7	1 × 0	12 × 5	6 × 4	5 × 1	8 × 0	11 × 4
11 × 2	8 × 7	5 × 4	10 × 6	11 × 10	12 × 11	7 × 0	3 × 3	8 × 6	9 × 7
12 × 1	9 × 2	3 × 6	10 × 9	12 × 3	11 × 1	5 × 3	11 × 0	2 × 1	6 × 6
3 × 0	12 × 6	8 × 1	5 × 5	10 × 2	2 × 6	7 × 5	6 × 1	4 × 0	8 × 4
12 × 0	6 × 2	4 × 3	9 × 1	10 × 10	9 × 8	11 × 5	7 × 1	12 ×10	7 × 7
11 × 11	6 × 5	2 × 2	11 × 8	10 × 1	12 × 12	7 × 3	2 × 8	3 × 5	8 × 3
10 × 4	9 × 3	4 × 9	5 × 7	7 × 8	2 × 4	9 × 7	3 × 4	4 × 6	2 × 7

Division Facts Worksheet 1A, Set 2
Item 3722c

Name _____
Date _____ Score _____ /100

Minute Marker

1	2	3	4	5

Division Facts 0-12

Timed division drill with 100 problems.

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

Division Facts Worksheet 1, Set 2
Item 3722

Name _____
Date _____ Score _____ /100

Minute Marker

1	2	3	4	5

Division Facts 0-12

Timed division drill with 100 problems.

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

Division Facts Worksheet 2A, Set 2
Item 3722d

Name _____
Date _____ Score _____ /100

Minute Marker

1	2	3	4	5

Division Facts 0-12

Timed division drill with 100 problems.

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

Division Facts Worksheet 2, Set 2
Item 3722b

Name _____
Date _____ Score _____ /100

Minute Marker

1	2	3	4	5

Division Facts 0-12

Timed division drill with 100 problems.

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