

Oak Grove

Math Superstars



Due Dates:

Session	Last Monday of
1	September
2	October
3	November
4	January
5	February
6	March

Grade 1

Session 1 - Answers

(50 points total; 10 points deducted if late)

Unless otherwise noted, one point is awarded for effort per question if the answer or all subparts are incorrect.

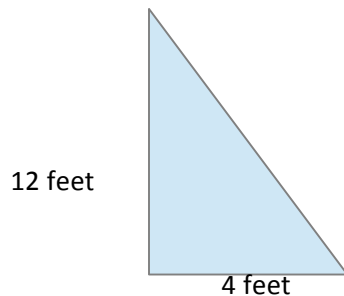
- Fill in the missing numbers. (1 point each, 1 extra point if all 4 are correct)
 - $9 \times 1.6 = \underline{14.4}$
 - $3.6 \div 3 = \underline{1.2}$
 - $\frac{1}{4} \times 8 = \underline{2}$
 - $47.2 \times 3 = \underline{141.6}$
- The lengths of the 3 sides for the triangle CANNOT be which group of numbers? c
 - 5, 7, 10
 - 12, 3, 14
 - 5, 3, 1
 - 7, 24, 25
- The product of all prime numbers less than 10 is divisible by what number? (5 points) a
 - 70
 - 60
 - 12
 - 4
- The following ingredients make enough pasta salad for 6 people. Change the recipe to feed 4. (1 point each)

12 ounces of pasta	<u>8</u>
6 tablespoons olive oil	<u>4</u>
3 tablespoons lemon juice	<u>2</u>
1 cup cherry tomatoes	<u>$\frac{2}{3}$</u>
$\frac{1}{2}$ cup basil leaves	<u>$\frac{1}{3}$</u>

5. Mrs. Mitchell is planning a car trip to the beach. She will drive a total of 675 miles. If she drives 75 miles per hour and stops for a 15 minute break every 3 hours, how long will her trip take? (5 points)
_9 hours 30 minutes_____

6. Taylor wants to buy an e-reader that costs \$99. She has saved up \$49.20 so far. She decides to work as a soccer referee on weekends to save more money. If she earns \$13.50/game and referees two games a week, how many weeks would she need to work in order to afford the e-reader? (5 points)
_2 weeks_____

7. What is the area of the triangle shown below? (5 points)
_24 square feet _____



8. Carrie has 4 yards of jewelry string. She needs 8 inches of string to make a bracelet. How many bracelets can Carrie make? (5 points)
_18 bracelets_____
9. If the digits 7, 6, 5, 4, 3, and 2 are written in that same order over and over again, what will be the 334th digit? (5 points) _____4_____
10. Charlize is thinking of a 3-digit number. If she places a "5" at the right hand end (the one's place), then she will have a 4-digit number that is 3,848 greater than her original number. What was Charlize's original 3-digit number? (5 points) _____427_____