











ROUND ONE :

R U smarter than a 5th Grader?

TEAM NAME _____

TEAM MEMBERS _____



-  ROUND ONE IS TIMED. YOUR TEAM WILL HAVE TEN MINUTES.
-  YOUR TEAM WILL HAVE ONE CALCULATOR AVAILABLE; NO OTHER ELECTRONIC DEVICES ARE ALLOWED.
-  DO NOT OPEN TEST BOOKLET UNTIL THE ROUND STARTS!
-  IN ROUND ONE, THERE IS NO PARTIAL CREDIT.
-  WHEN YOUR TEAM IS FINISHED, **WALK** YOUR PAPER TO THE SCORING TABLE AND PLACE IT ON THE TOP OF THE STACK IN THE BASKET. (ONE POINT PENALTY MAY BE ASSESSED FOR DISORDERLY CONDUCT.)
-  TIE SCORES WILL BE BROKEN BY ORDER OF TURN IN.
-  TEAMS MAY NOT WORK FOR MORE THAN TEN MINUTES.
-  WHEN FINISHED, ENJOY 🎧! FOR YOUR EFFORTS!

TURN IN ORDER: _____

SCORE: _____

[1] When two prime numbers are added, the result is odd when exactly one of the addends is ____.

(Circle one)

[A] 3 [B] 2 [C] 4 [D] 5 [E] None of these. The sum of two primes is always even.

[2] The average of three kindergarteners' heights is 110 centimeters when Jazzy, who is 108 centimeters tall, joins them. The average height of these four kindergarteners is ____.

(Circle one)

[A] 109.5 cm [B] 109 cm [C] 108.5 cm [D] 110 cm

[3] Which expression represents the word form, "five less than the sum of eight and two"? (Circle one)

[A] $5 - (8 + 2)$ [B] $5 - 8 + 2$ [C] $8 + 2 - 5$ [D] $5 - (8 - 2)$

[4] What is one third divided by one ninth? (Circle one)

[A] one third [B] three [C] one twenty-seventh [D] six

[5] What is 532.08 divided by one hundredth? (Circle one)

[A] 5.3208 [B] 0.0053208 [C] 5320.8 [D] 53208

[6] A rectangular prism 8 inches tall has a square base with a perimeter of 20 inches. What is its volume? (Circle one)

[A] 200 cubic inches [B] 160 cubic inches [C] 32 cubic inches [D] 1280 cubic inches

[7] What is a reasonable measurement for the length of time a school bell rings?

(Circle one)

[A] 200 milliseconds [B] 0.02 of an hour [C] 0.0001 of a year [D] 2,000,000,000 nanoseconds

[8] Which fraction is equivalent to $0.\overline{36}$? (Circle one)

[A] $\frac{4}{11}$ [B] $\frac{9}{25}$ [C] $\frac{36}{100}$ [D] $\frac{36}{1000}$

[9] What is a quadrilateral with exactly one pair of parallel sides called? (Circle one)

[A] rectangle [B] rhombus [C] parallelogram [D] trapezoid

[10] What is the area of half of a circle with a circumference of 10π meters? (Circle one)

[A] 5π square meters [B] 25π square meters [C] 12.5π square meters [D] 50π square meters