

"What's Your Math Problem?" Sample Questions

Set 2 Question	Answer	Type	Timing
4^3 equals.	64	lightning	5 sec
What is the pattern and next term of the given sequence: 8, 16, 32, 64,...	The pattern: every term is multiplied by 2, or doubled; the next term is 128	lightning	5 sec
Perpendicular lines can never _____.	A. Form right angles B. Have one point in common C. Intersect D. Be parallel.	lightning	5 sec
Express 2 and $\frac{5}{16}$ as an improper fraction.	$\frac{37}{16}$	lightning	5 sec
On a map 1 in = 225 mi. How many miles would 4 in. represent?	900mi	lightning	5 sec
Nina took some money from her bank at home. She bought a book for \$3.50. Then, her sister paid her \$3.00 she owed her. Now, Nina has \$4.50. How much did Nina take from her bank originally?	\$5.00	problem solver	5 sec
Which shape has larger interior angles: a quadrilateral, a hexagon or a pentagon?	Hexagon	lightning	5 sec
The left and right hand lanes on the road represent what type of lines?	parallel	lightning	5 sec
Solve 3 qt. -1qt. 1pt.	1 qt. 1 pt.	lightning	5 sec
Another word for mean is	A. Median B. Data C. Average D. Mode	lightning	5 sec
A baseball player hits four home runs. The first home run lands 460 feet from home plate. His second homer lands 420 feet from home. His third hits 470 feet from home. And his fourth lands 390 feet from home plate. What is the average distance of his four home runs? A. 420 ft. B. 435 feet C. 450 D. None of these	B	lightning	5 sec
What is the definition of an acute angle?	An angle that's measure is less than 90 degrees	problem solver	5 sec
A line with only one endpoint is called a _____.	A. Ray B. Angle C. Segment D. Point	lightning	5 sec
Name the property shown: $a \times 1 = a$ A. Associative Property B. Communicative Property C. Distributive Property D. Property of One	(D)	lightning	5 sec
By rounding to the nearest ten, estimate the sum of $37 + 41 + 58$.	140	lightning	5 sec
In lowest terms, what fraction does 20% represent?	1-fifth	lightning	5 sec
What does the term range describe in a given set of data?	Describes the distance between the lowest and the highest amounts	lightning	5 sec
Solve $\frac{\quad}{3^2} \times 7 = 63$.	$3^2 \times 7$	problem solver	5 sec

If a circle has a radius of 12in what is the diameter?	24in	lightning	5 sec
An eye doctor can examine one patient every fifteen minutes. How many patients can be examined in four hours time?	16 patients	lightning	5 sec
What is the value of N if $(102 \times N) = 408$?	$N = 4$	lightning	5 sec
What is 81% of 30?	24	lightning	5 sec
Find the mode of this set of numbers: 10, 5, 7, 6, 5, 5, 8,	5	lightning	5 sec
Solve $2 \frac{3}{9} + 4 \frac{1}{6}$. Express your answer in lowest	$6 \frac{1}{2}$	problem	5 sec
What is the next term in this sequence? 500, 250, 125, ...	62.5	lightning	5 sec
If coordinate point (4, 6) was translated over the x-axis where would it lie?	(4, -6)	lightning	5 sec
A survey shows that $\frac{16}{64}$ of our population sleeps more than 6 hours a day. What percent does the fraction represent?	25%	lightning	5 sec
Solve $(3,287)^1$.	3,287	lightning	5 sec
If you make \$135 in fifteen hours, what was your hourly rate of	\$9 per hour	lightning	5 sec
Which inequality correctly compares the numbers? A) $-10 > -5 > -3$ B) $-10 < -5 < -3$ C) $-3 > -10 < -5$ D) $-5 < -10 < -3$	5A2	problem solver	5 sec
Eighteen kids tried their skills at an egg-tossing contest. Four were eliminated after the first round. The rest were divided	21	brain buster	5 sec