

"What's Your Math Problem?" Sample Questions

Set 3 Question	Answer	Type	Timing
An angle whose measure is less than 90 degrees is	A. Acute B. Straight C. Obtuse D. Right	lightning round	5 sec
What do all the interior angles of a triangle add up to?	180 degrees	lightning round	5 sec
If Eric ate $\frac{1}{2}$ of a sub sandwich and Camille ate $\frac{1}{4}$ of the same sandwich, how much of the sandwich is left?	one-fourth	lightning round	5 sec
$130 \times N = 650$. What is the value of N?	5	lightning round	5 sec
Using the bar graph, how much rain fell in January and February?	8in (see graphic 2a)	lightning round	5 sec
Find the prime factorization of 64.	2 to the sixth power	problem solver	5 sec
A stop sign is an example of what geometric figure?	An octagon	lightning round	5 sec
What does it mean for an angle to be obtuse?	Bigger than 90 degrees	lightning round	5 sec
Write $4\frac{1}{9}$ as a mixed number.	4 and $\frac{5}{9}$	lightning round	5 sec
It is 4:35 a.m.. What time was it 6 hours ago?	10.35 p.m.	lightning round	5 sec
What is the mode of this set of data? 30, 25, 25, 31, 32, 27, 29	25	lightning round	5 sec
Put the following fractions in order from greatest to least: $\frac{10}{36}$, $\frac{3}{9}$, $\frac{2}{3}$, $\frac{5}{12}$	$\frac{2}{3}$, $\frac{5}{12}$, $\frac{3}{9}$, $\frac{10}{36}$	problem solver	5 sec
If a circle has a radius of 4in what is the diameter?	8in	lightning round	5 sec
Find the next term in the sequence: 8, 14, 20, 26, ...	32 (+ 6 each time)	lightning round	5 sec
By rounding to the nearest 10, give an estimate for 399×12 .	4,000	lightning round	5 sec
Simplify $\frac{20}{36}$ to the lowest terms.	$\frac{5}{9}$	lightning round	5 sec
Convert 25.6% to a decimal.	0.256	lightning round	5 sec
Which set of fractions are in order from least to greatest? A) $2\frac{1}{4}$, $2\frac{5}{16}$, $2\frac{3}{8}$ B) $2\frac{3}{8}$, $2\frac{1}{4}$, $2\frac{5}{16}$ C) $2\frac{1}{4}$, $2\frac{3}{8}$, 2 , $\frac{5}{16}$ D) $2\frac{3}{8}$, $2\frac{5}{16}$, $2\frac{1}{4}$	A	problem solver	5 sec
If a circle has a diameter of 8in what is the radius?	4in.	lightning round	5 sec
What is the next term in this sequence? 4, 2, 1, 0.5, ...	0.25,	lightning round	5 sec
What is the value of N if $N + 27 = (-18)$?	$N = -45$	lightning round	5 sec
What is $\frac{1}{3}$ of 60?	20	lightning round	5 sec
What is the median of a set of numbers?	middle number	lightning round	5 sec

A round table has a diameter of 10 ft. To the nearest tenth of a foot, how much cloth is needed to cover the top surface?	78.5 sq. ft.	problem solver	5 sec
A six-sided polygon is called a: A) Hexagon B) Triangle C) Octagon D) Dodecagon	A) Hexagon	lightning round	5 sec
What is the inverse operation of multiplication?	division	lightning round	5 sec
If coordinate point (-5, 2) was translated over the x-axis where would it lie?	(-5, -2)	lightning round	5 sec
What is the LCD of the following fractions: $\frac{1}{6}$ and $\frac{7}{8}$?	24	lightning round	5 sec
What is the mode of the following set of values: 2, 3, 2, 1, 5, 2, 6, 3, 2, 1, 2, 4?	2	lightning round	5 sec
Arrange $\frac{6}{9}$, 4.5 and 1 in ascending order.	$\frac{6}{9}$, 1, 4.5	problem solver	5 sec
Find the median of all positive odd multiples of 3 that are less than 30.	15	brain buster	5 sec

graphic 2a

