

MEGA Math Practice Questions

Directions: Answer the following questions based on the MEGA Math Cookies, TikTok, and Slime...Oh My! Lesson video. Then, check your answers using the answer key,

#	Question	Answer
1	What is the name of best math team on teachHOUSTON STEM Interactive?	
2	What was the name of the person eating the slime?	
3	What was the color of the slime?	
4	How many cookies did the baker want to bake for the protesters?	
5	The recipe ratio for the small tier of a wedding cake is 3 eggs to 6 cups of flour. If the large tier of the cake contains 12 cups of flour, how many eggs will the baker need?	
6	22 students want cookies, and 11 students want donuts. What is the ratio of the number of students who want donuts to the number of students who want cookies?	
7	If we have 400 cups of glue, and we need just 2 gallons of glue, what is the scale factor?	
8	How many gallons did the original Pickelodeon slime recipe make?	
9	What is the reduced form of four eighths?	
10	What was the name of the bakery that Andy saw?	

11	The ratio of 2 to 8 is also the same as the ratio of 4 to _____	
12	12 cookies times _____ gives 600 cookies	
13	Solve for x: $6,000 = 200x$	
14	How many cups are in 1 gallon of water?	
15	Who helped the baker with her recipe scale?	
16	There are 50 boys in sixth grade class, and 70 girls in 7th grade. What is the ratio of the 7th grade girls to sixth grade boys?	
17	The ratio of football to basketball is 5 to 10, if we have 20 basketballs, how many footballs do we have?	
18	If 80 dollars was divided between Juan and Andy in the ratio of 5 to 11, how much money will Juan get?	
19	How many cups of applesauce were used to make the Pickelodeon slime?	
20	Solve for g: $\frac{45}{g} = \frac{5}{1}$	
21	Solve for x: $6x + 2 = 20$	
22	What is the best subject in school ever? You know this one!	

23	How many cups of flour did Janey the Baker need to make the 600 cookies? $\frac{2 \text{ cups of flour}}{12 \text{ cookies}} = \frac{? \text{ cups of flour}}{600 \text{ cookies}}$	
24	Solve for x: $\frac{10}{40} = \frac{x}{8}$	

