

2001 AMC 8

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Question 1 Not yet answered	Casey's sl paint one	hop class is dimple, hov	s making a (w many min	golf trophy. I utes will he	He has to paint 300 need to do his job?	dimples on a golf	ball. If it takes him	2 seconds to
Points out of 1	(A) 4	(B) 6	(C) 8	(D) 10	(E) 12			
	Select one	e:						
	○ A							
	ОВ							
	○ C							
	D							
	E							
Question 2	I'm thinkin	a of two wh	nole number	rs. Their pro	duct is 24 and thei	r sum is 11 What i	s the larger number	r?
Not yet answered	(A) 3	(B) 4	(C) 6	(D) 8	(E) 12		s the larger number	
Points out of 1	(11) 0	(2)1	(0)0	(2)0	(1) 12			
	Select one	e:						
	в							
	O E							
	0 -							
Question 3	Granny Sr	mith has \$6	63. Elberta h	as \$2 more	than Anjou and Ar	ijou has one-third a	as much as Granny	Smith. How
Not yet answered	many dolla	ars does El	lberta have?)	(
Points out of 1	(A) 17	(B) 18	(C) 19	9 (D) 2	(E) 23			
	Select one	e:						
	Ο Α							
	ОВ							
	○ C							
	D							
) E							
Question 4	The digits	1, 2, 3, 4 a	and 9 are ea	ch used ond	e to form the smal	lest possible even	five-digit number.]	The diait in
Not yet answered	the tens p	lace is						
Points out of 1	(A) 1	(B) 2	(C) 3	(D) 4	(E) 9			
	Select one	e:						
	Ο Α							
	ОВ							
	○ C							
	U							

Question 5

Not yet answered

Points out of 1

On a dark and stormy night Snoopy suddenly saw a flash of lightning. Ten seconds later he heard the sound of thunder. The speed of sound is 1088 feet per second and one mile is 5280 feet. Estimate, to the nearest half-mile, how far Snoopy was from the flash of lightning.





Question 7

Not yet answered

(A) 21

Select one: Ο Α B ○ C) D) E

Points out of 1

To promote her school's annual Kite Olympics, Genevieve makes a small kite and a large kite for a bulletin board display. The kites look like the one in the diagram. For her small kite Genevieve draws the kite on a one-inch grid. For the large kite she triples both the height and width of the entire grid.



Question ${f 8}$

Not yet answered

Points out of 1

To promote her school's annual Kite Olympics, Genevieve makes a small kite and a large kite for a bulletin board display. The kites look like the one in the diagram. For her small kite Genevieve draws the kite on a one-inch grid. For the large kite she triples both the height and width of the entire grid.



Genevieve puts bracing on her large kite in the form of a cross connecting opposite corners of the kite. How many inches of bracing material does she need?



Question 9

Not yet answered

Points out of 1



Question 10	A collector offers to buy state quarters for 2000% of their face value. At that rate how much will Bryden get for his four state quarters?						
Not yet answered							
Points out of 1	(A) 20 dollars	(B) 50 dollars	(C) 200 dollars	(D) 500 dollars	(E) 2000 dollars		
	Select one:						
	Ο Α						
	О В						
	○ C						
	D						
	● E						
Question 11	Points A, B, C and D have these coordinates: $A(3,2), B(3,-2), C(-3,-2)$ and $D(-3,0).$						
Not yet answered			· · · · + ·				
Points out of 1							
			· · · · - ·				
			· · · · + ·	· · ·			
			· · · · ·	• • •			
	The area of quadrilateral $ABCD$ is						
	(A) 12 (B) 15	(C) 18 ((D) 21 (E) 24				
	Select one:						
	• A						

О В		
○ C		
D		
E		



Question 13 Not yet answered	Of the 36 students in Richelle's class, 12 prefer chocolate pie, 8 prefer apple, and 6 prefer blueberry. Half of the remaining students prefer cherry pie and half prefer lemon. For Richelle's pie graph showing this data, how many degrees should she use for cherry pie?					
	 (A) 10 (B) 20 (C) 30 (D) 50 (E) 72 Select one: A B C D E 					
Question 14 Not yet answered Points out of 1	 Tyler has entered a buffet line in which he chooses one kind of meat, two different vegetables and one dessert. Meat: beef, chicken, pork Vegetables: baked beans, corn, potatoes, tomatoes Dessert: brownies, chocolate cake, chocolate pudding, ice cream 					
	If the order of food items is not important, how many different meals might he choose? (A) 4 (B) 24 (C) 72 (D) 80 (E) 144 Select one: A B C D E					
Question 15 Not yet answered Points out of 1	Homer began peeling a pile of 44 potatoes at the rate of 3 potatoes per minute. Four minutes later Christen joined him and peeled at the rate of 5 potatoes per minute. When they finished, how many potatoes had Christen peeled? (A) 20 (B) 24 (C) 32 (D) 33 (E) 40 Select one: A B C D E					

Question 16

Not yet answered

Points out of 1

A square piece of paper, 4 inches on a side, is folded in half vertically. Both layers are then cut in half parallel to the fold. Three new rectangles are formed, a large one and two small ones. What is the ratio of the perimeter of one of the small rectangles to the perimeter of the large rectangle?



Select one:

A
B
C
D
E

Question 17	For the game show Who Wants To Be A Millionaire?, the dollar values of each question are shown in the following
Not yet answered	table (where $K=1000$).
Points out of 1	Question 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
	Value 100 200 300 500 1K 2K 4K 8K 16K 32K 64K 125K 250K 500K 1000K
	Between which two questions is the percent increase of the value the smallest?
	(A) From 1 to 2 (B) From 2 to 3 (C) From 3 to 4 (D) From 11 to 12 (E) From 14 to 15
	Select one:
	• A
	⊜В
	○ C
	D
	○ E
40	
Question 18	Two dice are thrown. What is the probability that the product of the two numbers is a multiple of 5?
Not yet answered Points out of 1	(A) $\frac{1}{36}$ (B) $\frac{1}{18}$ (C) $\frac{1}{6}$ (D) $\frac{11}{36}$ (E) $\frac{1}{3}$
	Select one:
	○ A
	в
	○ C
	○ D
	• E





