November 8, 2008 Cedar Ridge Middle School 6th Grade Test

1.	The value of 1.4 + 0.03 + 0.009 + 7 is						
	a. 0.033 b. 8.016 c. 1.446 d. 8.439						
2.	. 4+2×3-4÷2+3=						
	a. 10 b. 1 c. 5 d. 11						
3.	. Your average for the first 4 tests is 88. What must you score on the next test in order to average on the five tests to be at least 90? a. 100 b. 98 c. 92 d. 94	or your					
4.	1000 100 10						
	a. 0.041 b. 0.104 c. 0.194 d. 1.94						
5.	Daniel worked 8 hours on Saturday and earned \$26. How much did he earn per hour? a. \$3.25 b. \$3.08 c. \$3.33 d. \$3.50						
6.	. What is the height of a triangle with a base of 6 units and an area of 27 units ? a. 4.5 units b. 9 units c. 18 units d. 11 units						
7.	. Which of the following numbers is not divisible by 3 (with no remainder)? a. 12,043,821 b. 91,240,615 c. 2,011,785 d. 5,261,001						
8.	. If a whole number N is divided by 13, the quotient is 8 and the remainder is 12. What is the digits of N?	he sum of					
	a. 6 b. 8 c. 5 d. 11						
9.	. What is the sum of the largest number and the smallest number: 0.3, 0.31, 0.305, 0.030 a. 0.3309 b. 0.605 c. 0.3409 d. 0.61)9?					
10.	D. How many degrees are in the smaller angle formed by the hands of a clock at exactly 4 c a. 40 b. 20 c. 120 d. 100	'clock?					
11.	1. If two-fifths of the 30 math team members are boys, what is the ratio of boys to girls? a. 2 to 3 b. 2 to 5 c. 3 to 5 d. 5 to 3						
12. Sarah lives 2.7 miles from school. This year she has made 150 round trips from her home to school							
	and back on her bike. How far is this altogether?						
	a. 810 mi. b. 202.5 mi. c. 405 mi. d. 863.2 mi.						
13.	3. Express $\frac{7}{11}$ as a decimal.						
	a. $0.\overline{636}$ b. $0.63\overline{6}$ c. $0.\overline{63}$ d. $0.6\overline{3}$						

14.	Fred phones every 3 days, Barney every 4 days, and Wilma every 8 days. If all three phoned on October 27, on what day will all three phone again?						
	a. November 25	b. Novembe	r 5 c. l	December 20	d. November 20		
15.	What is the sum of a. 79 b.		•	actors of 42? d. 53			
16.	•	erve if she cuts [.]	them into 2 in. >		by 12 in. pan. How many erves one per student?		
17.	One liter contains 1.8 ounces more than one quart. How many ounces are in a 3-liter bottle of Mountain Dew?						
	a. 53.4 b. 101	1.4 c. 7	7.4 d.	113.4			
18.	What is the sum of a. 72 b. 67			$\overline{25}$ and $\sqrt{400}$?			
19.	•	ol. Jon ate one-f that were left. H	ourth of the re ow many donuts	maining donuts befo	ice. He ate one-third of them re practice began. When Bob		
20.	The measure of the fourth angle? a. 55° b. 65			0°, 130°, and 55°. W d. 95°	hat is the measure of the		
21.	What is the positiv sum of the prime n a. 15 b. 0			·	petween 10 and 20 and the		
22.	If 5a = 70 and 8b = a. 28 b. 35	= 20, what is the c. 16.5		0			
23.	What is the measur	• •		ngle? 10°			
24.	pound. What was th	ne average cost p	•	r pound and 3 pounds d. \$1.25	s of gooey bears at \$4.00 per		
25.	By how much does to a. 10 b.	•	, 4, and 5 excee c. 58	ed 3 ² + 4 ² + 5 ² ? d. 20			

Tie Breakers

- 1. What is the sum of all the factors of 91?
- 2. What is the 12^{th} number is the following sequence? 1, 4, 9, 16, 25, 36,...
- 3. The perimeter of a regular octagon and a regular hexagon are equal. If the length of one side of the octagon is 7.5 cm, what is the length of side of the hexagon?