DO NOT FLIP OPEN THIS TEST UNTIL YOU ARE INSTRUCTED TO BEGIN

ONLY ANSWERS WRITTEN ON THE ANSWER SHEET WILL BE SCORED

1	What number is 20 more than half of 56?
2	Wei had 40 friends, who each gave him 2 presents. How many presents did he receive?
3	What is the area, in square inches, of a square with sides measuring 5 in?
4	How many edges does a cube have?
5	Evaluate: 920 + 587
6	Round 8290.5061 to the nearest thousandth.
7	What is the perimeter, in feet, of a trapezoid with sides measuring 8 ft, 4 ft, 8 ft, and 3 ft?
8	When the special number is decreased by 42 and this result is multiplied by 7, the final result is 28. What is the special number?
9	How many centimeters are in 6 meters?
10	What is the perimeter, in feet, of an equilateral triangle with sides measuring 4 ft?
11	How many sides does a heptagon have?
12	What is the greatest common factor of 4 and 72?
13	How many minutes are in 9 hours?
14	What digit is in the tens place of 857.7022?
15	What is the perimeter, in feet, of a rhombus with sides measuring 4 ft?
16	If today is Friday, what day of the week was it 82 days ago?
17	Ye rode his bike 10 miles over the course of 5 hours. What was his average speed, in miles per hour?
18	Evaluate: 873 ÷ 9
19	When one card is drawn from a standard 52-card deck, what is the probability that it is a 9?
20	A bag contains 5 red marbles, 7 orange marbles, 5 yellow

	marbles, 1 green marble, and 5 blue marbles. When one marble is drawn at random, what is the probability that it is orange?
21	Evaluate **as a fraction**: $\dfrac{2}{9} + \dfrac{7}{8}$
22	Evaluate **as a mixed number**: $9\dfrac{5}{8} - 4\dfrac{1}{9}$
23	What is the name for a triangle with exactly 2 congruent sides?
24	When a single fair coin is flipped, what is the probability that it shows tails?
25	My bank requires my PIN to be a letter (A-Z) followed by 3 digits (0-9). How many different PINs might I choose?
26	What is the length, in meters, of the hypotenuse of a right triangle with one angle measuring 30 degrees and a short leg measuring 3 meters?
27	What is the measure, in degrees, of an interior angle of a regular polygon with 10 sides?
28	If 2 chickens can lay 6 eggs in 5 days, how many eggs could 16 chickens lay in 40 days?
29	What is the 8th term of the arithmetic (adding or subtracting) sequence whose first three terms are 1, 17, and 33?
30	Two angles in a triangle measure 68 degrees and 44 degrees. What is the measure, in degrees, of the third angle?