



Name: \_\_\_\_\_ School: \_\_\_\_\_

## Des Moines Math Circle Contest - 3rd Grade

November 2024

Correct answers are worth 1 point. Incorrect and blank answers are worth 0 points. You are given 30 minutes to complete the test and no calculators are allowed.

1. \_\_\_\_\_ The school bus makes a stop every 10 minutes to pick up kids on its route. How many stops would it make if the bus route starts at 7:00 AM and ends at 8:30 AM?

2. \_\_\_\_\_ Brian and Michael are reading different books. Brian's book is 64 pages long. Brian says, "I can read 8 pages of my book each day." Michael's book is 81 pages long. He says, "I can read 9 pages of my book each day." If they both start their books on the same day, who finishes first?

3. \_\_\_\_\_ Casey's breakfast pizza costs \$16 and is split into 8 equal slices. Andrew and his friends order 2 pizzas, but only eat 10 slices. How much is the leftover pizza worth?

4. \_\_\_\_\_ At Adventureland, you must be 48 inches to ride one of the roller coasters. Adrian is 4 feet and 8 inches tall. If Adrian's friend Noah is one inch taller than the height requirement, what is the height difference between Adrian and Noah? (1 foot = 12 inches)

5. \_\_\_\_\_ Alexander went to Costco and bought 4 boxes of cookies. Each box has 7 cookies. After Alexander eats 13 cookies, how many are left?