C Times with 9s

Starting at 10:00, a train will arrive at the station every nine minutes. Joe Smart says a train will arrive at 10:27. Moe Smart says it will arrive at 10:28.

Who is correct? Show or tell how you know.

D What Number am I?

1. I am more than 3×9 and less than 4×9. I am an odd number. The sum of my digits is 4. What number am I?

2. The sum of my digits is nine. If you skip count by 5s, you hit me. I am less than 50. What number am I?

3. I am an odd number. I am more than half of 22 and less than half of 30. What number am I?

4. Explain your strategy for solving Question 1.