

Name _____

Problem Solving: Look for a Pattern

Determine the pattern and then complete the grids.

1.

0.87		0.89	
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2.

0.12
0.22

3.

0.22	0.23		
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4.

0.56
0.76

5. In a list of numbers, the pattern increases by 0.001 as you move to the right. If the third number in the list is 0.064, what is the first number in the list? Explain how you know.

6. If 5 school buses arrive, each carrying exactly 42 passengers, which expression would you use to show how many people in all arrived on the school buses?

A $42 + 5$ **B** $42 - 5$ **C** 42×5 **D** $42 \div 5$

7. Mishell arranged her coins in the following pattern: \$0.27, \$0.29, \$0.31, \$0.33. Explain what her pattern is, and then tell what the next amount of coins would be.
