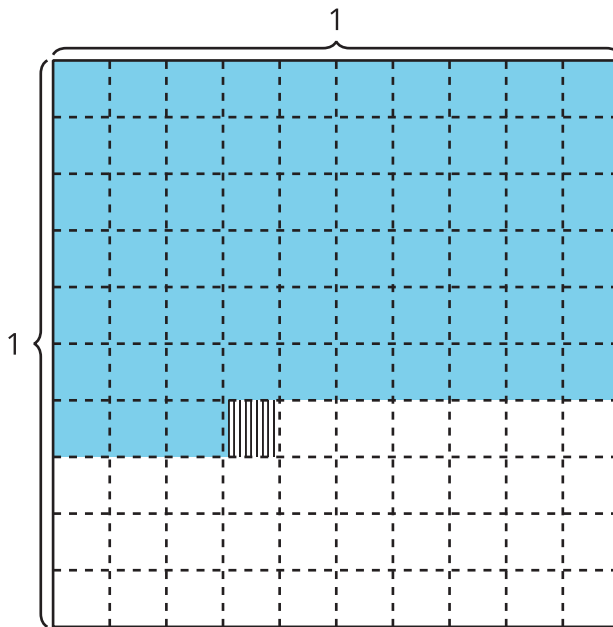# Assessment : Section A Checkpoint

Problem 1

Goals Assessed

- Read, write, and represent decimals to the thousandths place, including in expanded form.

Statement

Select **all** representations of 0.631.

A.

B. Six hundred thirty-one hundredths

C. $(3 \times 0.1) + (6 \times 0.01) + (1 \times 0.001)$

D. $\frac{631}{1,000}$

E. Six hundred thirty-one thousandths

Solution

["A", "D", "E"]

Problem 2

Goals Assessed

- Compare, round and order decimals through the thousandths place based on the value of the digits in each place.

Statement

Order the following decimals from least to greatest.

0.439   0.394   0.441   0.531   0.342

Solution

0.342, 0.394, 0.439, 0.441, 0.531

Problem 3

Goals Assessed

- Compare, round and order decimals through the thousandths place based on the value of the digits in each place.

Statement

What is 13.728 rounded to the nearest tenth? What about to the nearest hundredth? Explain or show your reasoning. Use the number line if it is helpful.

Solution

13.7 to the nearest tenth because it is between 13.7 and 13.8 and is closer to 13.7 than to 13.8.

13.73 to the nearest hundredth because it is between 13.72 and 13.73 and is closer to 13.73 than to 13.72.