

## PARCC Assessment Item Illustrating 5.NBT.A.1

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Which statement is true?

- A. The value of 7 in 0.75 is  $\frac{1}{10}$  the value of 7 in 0.075.
- B. The value of 7 in 7.5 is  $\frac{1}{100}$  the value of 7 in 0.75.
- C. The value of 7 in 75 is 10 times the value of 7 in 7.5.
- D. The value of 7 in 750 is 100 times the value of 7 in 75.

Answer Key

C

Elaboration on Alignment

This item addresses conceptual understanding by requiring students to recognize which statement describes the relationship. To evaluate the answer choices students have to apply the concept in the standard; concepts of place value that generalize across numbers  $>1$  and numbers  $<1$ . Students build on the work from grade 4: the number on the left represents ten times more and on the right with whole numbers. In grade 5, students extend this work to tenths and hundredths.

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