

CONVERT 0.45 TO A FRACTION

- 1 Look at the last digit in the hundredths place so the denominator is 100.
- 2 Write 45 over 100.
- 3 Divide top and bottom by 5 to get $\frac{9}{20}$.

 WARM-UP

Write each price in the place-value mat one digit per cell.

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1. Write 0.8 in the first row
2. Write 0.45 in the second row
3. Write 0.375 in the third row

 PRACTICE

- 1 A loaf of bread costs **0.8 euros** . What fraction of a euro is that?
- 2 A carton of milk costs **0.4 euros** . What fraction of a euro is that?
- 3 A bag of apples costs **0.25 euros** . What fraction of a euro is that?
- 4 A pack of biscuits costs **0.35 euros** . What fraction of a euro is that?
- 5 A jar of jam costs **0.375 euros** . What fraction of a euro is that?
- 6 A chocolate bar costs **0.08 euros** . What fraction of a euro is that?

ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

- a. A one-place decimal converts to a fraction with denominator 10.
- b. 0.75 can be simplified to $\frac{3}{4}$.
- c. A decimal converts to an improper fraction.
- d. You divide top and bottom by the same number to simplify.