

Unit 1-8



Fractions & Decimals

Today's Learning Targets:

1.8 I can convert a repeating decimal into a rational number.

Watch This!

Convert the rational number $0.\overline{3}$ to a fraction.

$0.\overline{3}$

— = —

STEP 1:
The last digit is in the _____ place.

STEP 2:
_____ - 1 =

STEP 3:
That answer is the new denominator.
The repeating number is the numerator.

STEP 4:
Simplify if possible.

Convert the rational number $0.\overline{45}$ to a fraction.

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Convert the rational number $0.\overline{12}$ to a fraction.

Convert the rational number $0.\overline{8}$ to a fraction.
