

## Rational vs. Irrational Numbers

A) Identify whether the following numbers are rational or irrational.

1) 1.414414...

2) 0.125

3) 0.123456789101112...

# PREVIEW

4) 0.10011001100001...  $\sqrt{36}$

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B) 1) Choose

a) 0.333333...

b) 0.0125

c)  $-\pi$

d)  $\frac{11}{3}$

2) Which of the following is a rational number?

a)  $\sqrt{2}$

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3) Which of these is an irrational number?

a) 0

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4) Identify the rational numbers.

a)  $8\pi$

b)  $\sqrt{3}$

c) 0.1000100001...

d)  $-\frac{17}{5}$