HW #2

IP Independent Practice

Classifying Numbers

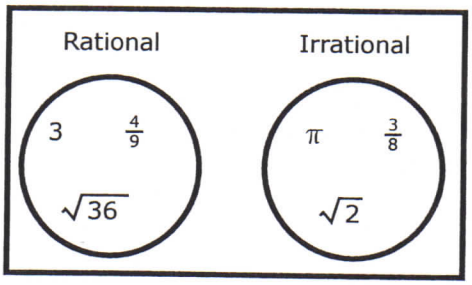
Name:

Numerical Representations and Relationships

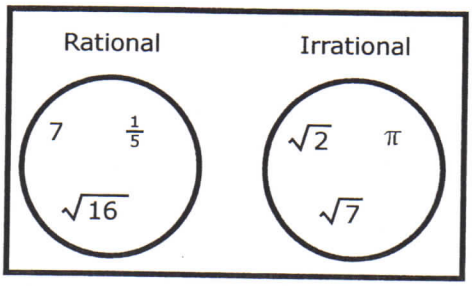
TEKS 8.2A Supporting

1 Which diagram below correctly displays rational and irrational numbers?

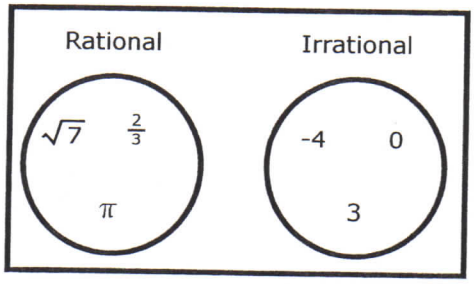
A



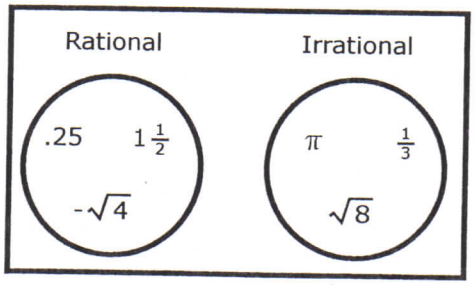
B



C

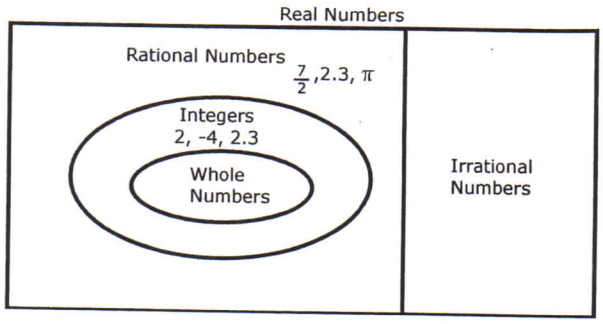


D

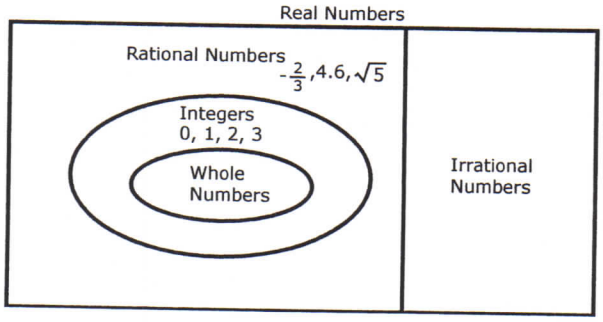


2 Which diagram below correctly displays rational numbers and integers?

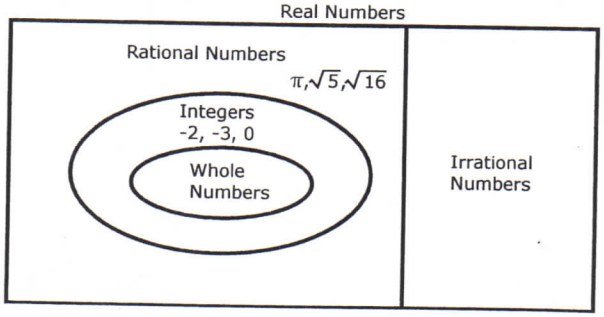
A



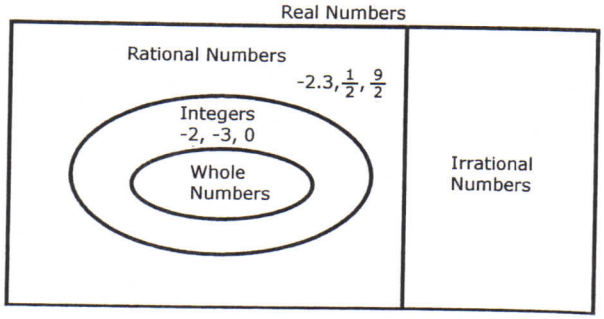
B



C

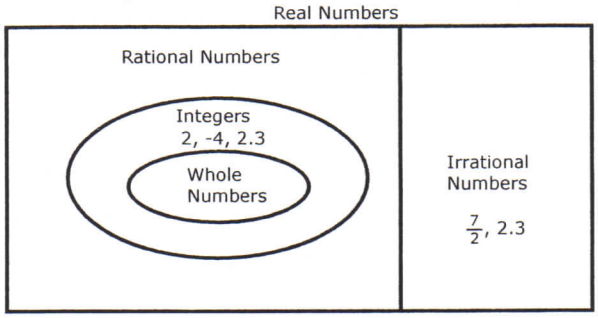


D

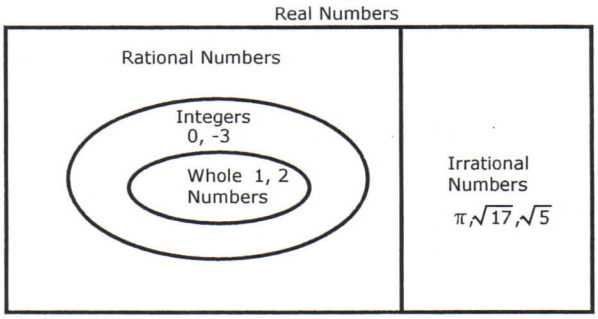


3 Which diagram below correctly displays irrational numbers and integers?

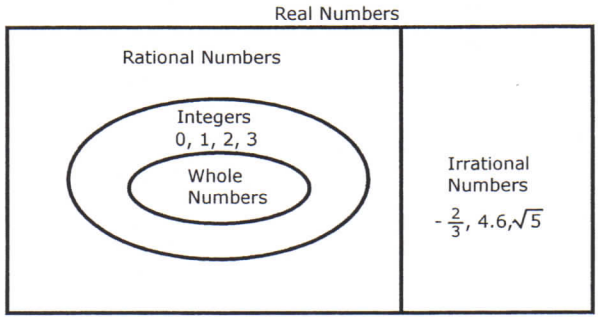
A



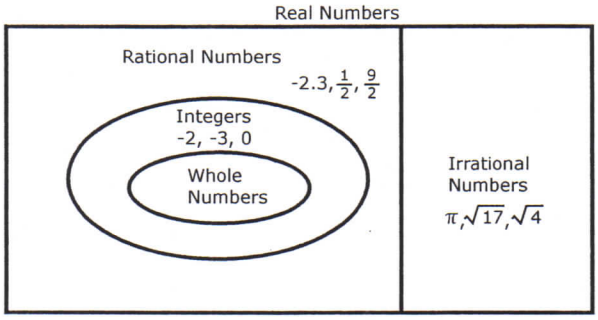
C



B



D



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4 Which of the following is a whole number?

A 1001

B $\frac{1}{2}$

C $-\frac{3}{4}$

D π

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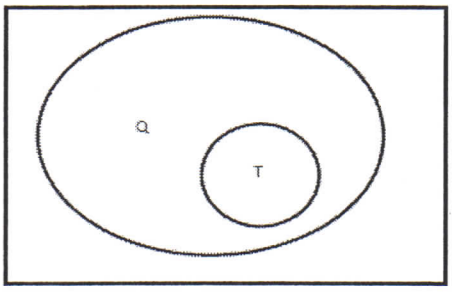
5 The diagram below displays subset Q and subset T.



Which statement below best describes set Q and T?

A Set T = $\{\sqrt{\frac{36}{4}}, -3, 0, \sqrt{16}\}$ are all integers and set Q = $\{14.3, -2.4, \sqrt{.25}, 2\frac{1}{7}\}$ are all rational numbers.

B Set Q = $\{\sqrt{\frac{36}{4}}, -3, 0, \sqrt{16}\}$ are all integers and set T = $\{14.3, -2.4, \sqrt{.25}, 2\frac{1}{7}\}$ are all rational numbers.

C Set T = $\{\frac{34}{8.5}, -3, 0.27, \sqrt{16}\}$ are all integers and set Q = $\{14.3, -2.4, \sqrt{.25}, 2\frac{1}{7}\}$ are all rational numbers.

D Set T = $\{\sqrt{\frac{36}{4}}, -3, 0, \sqrt{16}\}$ are all integers and set Q = $\{\pi, -2.4, \sqrt{.25}, 2\frac{1}{7}\}$ are all rational numbers.