3.1 What is a Rational Number?



A **Rational Number** is\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



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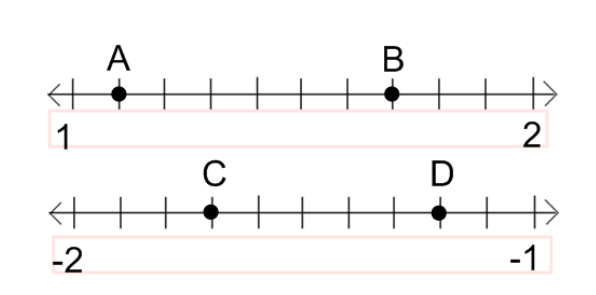


Example (1): Which rational numbers are equal?



Example (2): Write the rational number represented by each letter on the number line, as a **decimal**.





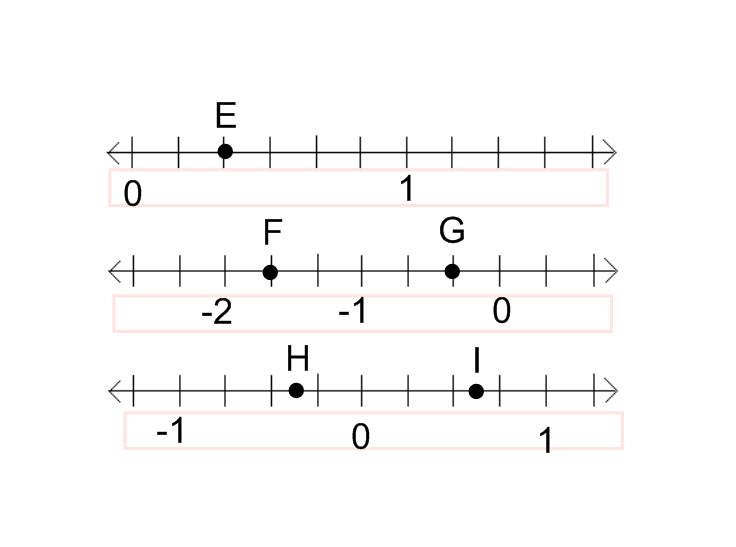


A =

B =

C =

D =





Example (3): Write the rational number represented by each letter on the number line, as a **fraction**.



E =

F =

G =

H =

I =



Example (3): Write three rational numbers between each pair of numbers.



1. 5.2 and 5.3 (b) -4.6 and -6.2 (c) and (d) and



Example (4): Which rational number is greater?



(a) and (b) and (c) and



Example (5): Show the set of numbers on a number line.

