

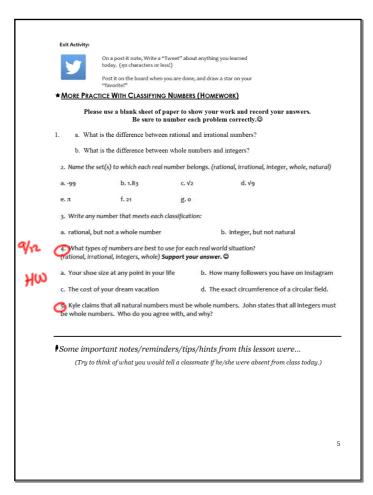
Sep 9-11:29 AM

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1) - (: rational, integer)
2) /3: rational
3) - 48: rational
4) 7 rotional, integer,
5) - 32: rational
6) - 20: rational
7: o: rational, integer, whole
7: 0: rational, integer, whole
8) - 7:34: rational
9) 7/239: rational
10) 5: irrational
11) reg integer
12) whole #
14, - 1, - 2
13) pos. real
14

98, 42, 14, 7.2,
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∠ PracticeApplying the Skills You Learned!
1. Name the set(s) to which each real number belongs. (rational, irrational, integer, whole, natural)
a. 3.82 pational
by ditional integer
. Pational, integer, whole, natural.
d. Rational, integer, whole
e. I Iralipnal
f.-201 lational integer
2. Write any number that meets each classification:
a. rational, but not an integer: 43.72 b. whole, but not natural:
a. The price of a ticket to a concert.
  EX. $100, $65.99, $42.99, $35.40
rational numbers
b. The number of friends you are inviting to a party.
    EX. 476, 300, 22, 14
 c. The temperature anywhere in the world on the Weather Channel App. \,
      EX. -30. 2. 78. 0.
integers d. The exact area of a circular field. Remember, the formula for area of a circle is A = \pi r^2.
      irrational, pi is in the formula
 4. Sonja says that all rational numbers are whole, but Jimmy says that all natural numbers are whole. Who do you agree with, and why?
       I disagree with Sonja. .01 is rational but not whole. I agree with Jimmy.
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1. a. Rational numbers can be written as fractions, while irrational numbers cannot. Irrational numbers are non-repeating, never-ending decimals. b. Whole numbers are 0 and the natural counting numbers. Integers are the opposites (negatives) of the natural counting numbers 2. a. -99: rational, integer b. 1.83: rational c. the square root of 2: irrational d. square root of nine: this is actually 3! rational, integer, whole, natural e. pi: irrational f. 21: rational, integer, whole, natural g. 0: rational, integer, whole 3. a. will vary: any decimal or fraction that is not a whole number will be acceptable! b. will vary; any negative whole number is acceptable! 4. a. rational b. natural or whole c. rational d. irrational 5. I agree with Kyle. All natural numbers are whole numbers. All integers are not whole numbers, because the integers include negative numbers.

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