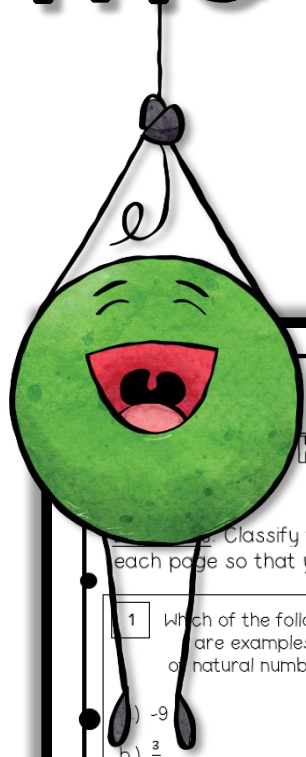


The Real Number System

Practice Worksheet



The Real Number System Worksheet Practice

Name: _____

Date: _____

Period: _____

Classify the numbers in the number system. Make sure to bubble in your answers below on each page so that you can check your work. **There may be more than one answer for each problem!**

1 Which of the following are examples of natural numbers?
 a.) -9
 b.) $\frac{3}{4}$
 c.) 100
 d.) -2.5

2 Which of the following are examples of integers?
 e.) $\sqrt{25}$
 f.) 0
 g.) $\frac{1}{2}$
 h.) -7

3 Which of the following are examples of whole numbers?
 i.) 1
 j.) -3
 k.) $\frac{16}{4}$
 l.) $\frac{1}{5}$

4 Which of the following are examples of rational numbers?
 m.) 1,000
 n.) $\frac{7}{8}$
 o.) π
 p.) -4.4

5 Which of the following are examples of irrational numbers?
 q.) 5.4
 r.) $-\frac{7}{8}$
 s.) π
 t.) $\sqrt{10}$

6 Which of the following are examples of rational numbers?
 u.) 8.5
 v.) $-\pi$
 w.) 74
 x.) 9.6452...

7 Which of the following are examples of irrational numbers?
 y.) $\sqrt{36}$
 z.) $\frac{4}{7}$
 aa.) 3π
 bb.) 7.888...

Answers

Bubble in your answers below for problems #1-7.
 O a O h O o O v
 O b O i O p O w
 O c O j O q O x
 O d O k O r O y
 O e O l O s O z
 O f O m O t O aa
 O g O n O u O bb

10 The number $\frac{2}{3}$ is an example of a(n):
 k.) Natural Number
 l.) Whole Number
 m.) Integer
 n.) Rational Number
 o.) Irrational Number

11 The number -12 is an example of a(n):
 p.) Natural Number
 q.) Whole Number
 r.) Integer
 s.) Rational Number
 t.) Irrational Number

Answers

14 The number $\sqrt{16}$ is an example of a(n):
 ee.) Natural Number
 ff.) Whole Number
 gg.) Integer
 hh.) Rational Number
 ii.) Irrational Number

Bubble in your answers below for problems #8-14.
 O a O h O o O v O cc
 O b O i O p O w O dd
 O c O j O q O x O ee
 O d O k O r O y O ff
 O e O l O s O z O gg
 O f O m O t O aa O hh
 O g O n O u O bb O ii

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Great Practice!

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Teacher Notes

- Make sure that students bubble in their answers for the front page (#1-7) and the back page (#8-14). The bubbles allow students to check their answers and results in a more confident student. In addition, it makes it a lot easier for you to do a quick “checking for understanding” when you have the answer key and can compare the bubbles shaded in.
- Make sure that students show their work! Space is given so that students can demonstrate their knowledge of the concept. I do not give students credit if they do not show their work. Also, students need to give a nice reflection (2-3 sentences)!
- You can decide if you want to use the score in the top left.
- If you have any questions or concerns, please email me at mathindemand@hotmail.com.

Score (___/___)

Name: _____

The Real Number System

Date: _____

Worksheet Practice

Period: _____

Directions: Classify the numbers in the number system. Make sure to bubble in your answers below on each page so that you can check your work. There may be more than one answer for each problem!

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<p>5 Which of the following are examples of irrational numbers?</p> <p>q.) 5.4 r.) $-\frac{7}{8}$ s.) π t.) $\sqrt{10}$</p>	<p>6 Which of the following are examples of rational numbers?</p> <p>u.) $8.\bar{5}$ v.) $-\pi$ w.) 74 x.) 9.6452...</p>	<p>7 Which of the following are examples of irrational numbers?</p> <p>y.) $\sqrt{36}$ z.) $\frac{4}{7}$ aa.) 3π bb.) 7.888...</p>
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Answers

Bubble in your answers below for problems #1-7.

- | | | | |
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| <input type="radio"/> c | <input type="radio"/> j | <input type="radio"/> q | <input type="radio"/> x |
| <input type="radio"/> d | <input type="radio"/> k | <input type="radio"/> r | <input type="radio"/> y |
| <input type="radio"/> e | <input type="radio"/> l | <input type="radio"/> s | <input type="radio"/> z |
| <input type="radio"/> f | <input type="radio"/> m | <input type="radio"/> t | <input type="radio"/> aa |
| <input type="radio"/> g | <input type="radio"/> n | <input type="radio"/> u | <input type="radio"/> bb |

8 The number 5 is an example of a(n):

- a.) Natural Number
- b.) Whole Number
- c.) Integer
- d.) Rational Number
- e.) Irrational Number

9 The number π is an example of a(n):

- f.) Natural Number
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- h.) Integer
- i.) Rational Number
- j.) Irrational Number

10 The number $\frac{2}{3}$ is an example of a(n):

- k.) Natural Number
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11 The number -12 is an example of a(n):

- p.) Natural Number
- q.) Whole Number
- r.) Integer
- s.) Rational Number
- t.) Irrational Number

12 The number $\sqrt{15}$ is an example of a(n):

- u.) Natural Number
- v.) Whole Number
- w.) Integer
- x.) Rational Number
- y.) Irrational Number

13 The number 2.54 is an example of a(n):

- z.) Natural Number
- aa.) Whole Number
- bb.) Integer
- cc.) Rational Number
- dd.) Irrational Number

14 The number $\sqrt{16}$ is an example of a(n):

- ee.) Natural Number
- ff.) Whole Number
- gg.) Integer
- hh.) Rational Number
- ii.) Irrational Number

Answers

Bubble in your answers below for problems #8-14.

- a h o v cc
- b i p w dd
- c j q x ee
- d k r y ff
- e l s z gg
- f m t aa hh
- g n u bb ii

Reflection: From this activity, I learned...

Score (___/___)

The Real Number System

Worksheet Practice

ANSWER KEY

Directions: Classify the numbers in the number system. Make sure to bubble in your answers below on each page so that you can check your work. There may be more than one answer for each problem!

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Answers

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| <input type="radio"/> a | <input checked="" type="radio"/> h | <input type="radio"/> o | <input type="radio"/> v |
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| <input checked="" type="radio"/> f | <input checked="" type="radio"/> m | <input checked="" type="radio"/> t | <input checked="" type="radio"/> aa |
| <input type="radio"/> g | <input checked="" type="radio"/> n | <input checked="" type="radio"/> u | <input type="radio"/> bb |

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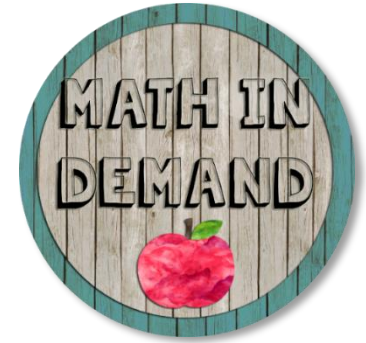
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| <input type="radio"/> e | <input type="radio"/> l | <input checked="" type="radio"/> s | <input type="radio"/> z | <input checked="" type="radio"/> gg |
| <input type="radio"/> f | <input type="radio"/> m | <input type="radio"/> t | <input type="radio"/> aa | <input checked="" type="radio"/> hh |
| <input type="radio"/> g | <input checked="" type="radio"/> n | <input type="radio"/> u | <input type="radio"/> bb | <input type="radio"/> ii |

Reflection: From this activity, I learned...

Answers will vary!

Recommendations

Love my material and want to check out other resources?

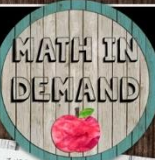



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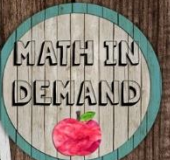
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