Name: _____ Date: _____

Fresh Math

The Number System - Medium

List every set each number belongs to: Natural, Whole, Integer, Rational, Irrational, Real.

1. $-\frac{9}{8}$

2. $-\frac{3}{7}$

3. $\sqrt{25}$

4. $\sqrt{31}$

5. 0.5

6. 2.6

7. $\frac{7}{4}$

8. $\sqrt{64}$

9. $-\pi$

10. $-\sqrt{16}$

Name: _____ Date: _____

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11. $-\sqrt{64}$

12. $\sqrt{9}$

13. $\sqrt{81}$

14. $\sqrt{36}$

15. $\frac{5}{8}$

16. $\sqrt{100}$

17. π

18. 0.0909... (repeating)

19. 0.333... (repeating)

20. 2π

The Number System - Medium - Answer Key

1. $-\frac{9}{8}$

   Rational, Real

2. $-\frac{3}{7}$

   Rational, Real

3. $\sqrt{25}$

   Natural, Whole, Integer, Rational, Real

4. $\sqrt{31}$

   Irrational, Real

5. 0.5

   Rational, Real

6. 2.6

   Rational, Real

7. $\frac{7}{4}$

   Rational, Real

8. $\sqrt{64}$

   Natural, Whole, Integer, Rational, Real

9. $-\pi$

   Irrational, Real

10. $-\sqrt{16}$

    Integer, Rational, Real

The Number System - Medium - Answer Key

11. $-\sqrt{64}$

Integer, Rational, Real

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Natural, Whole, Integer, Rational, Real

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Natural, Whole, Integer, Rational, Real

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Natural, Whole, Integer, Rational, Real

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Natural, Whole, Integer, Rational, Real

17. π

Irrational, Real

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Rational, Real

20. 2π

Irrational, Real