Name: _____ Date: _____

Approximating Irrational Numbers - Medium

Between which two consecutive tenths does each square root lie?

1. $\sqrt{72}$

2. $\sqrt{71}$

3. $\sqrt{74}$

4. $\sqrt{66}$

5. $\sqrt{84}$

6. $\sqrt{79}$

7. $\sqrt{85}$

8. $\sqrt{47}$

9. $\sqrt{39}$

10. $\sqrt{17}$

Name: _____ Date: _____

Fresh Math

Approximating Irrational Numbers - Medium

Between which two consecutive tenths does each square root lie?

11. $\sqrt{28}$

12. $\sqrt{40}$

13. $\sqrt{41}$

14. $\sqrt{80}$

15. $\sqrt{77}$

16. $\sqrt{60}$

17. $\sqrt{22}$

18. $\sqrt{2}$

19. $\sqrt{50}$

20. $\sqrt{65}$

Approximating Irrational Numbers - Medium - Answer Key

1. $\sqrt{72}$

   between 8.4 and 8.5

2. $\sqrt{71}$

   between 8.4 and 8.5

3. $\sqrt{74}$

   between 8.6 and 8.7

4. $\sqrt{66}$

   between 8.1 and 8.2

5. $\sqrt{84}$

   between 9.1 and 9.2

6. $\sqrt{79}$

   between 8.8 and 8.9

7. $\sqrt{85}$

   between 9.2 and 9.3

8. $\sqrt{47}$

   between 6.8 and 6.9

9. $\sqrt{39}$

   between 6.2 and 6.3

10. $\sqrt{17}$

    between 4.1 and 4.2

Approximating Irrational Numbers - Medium - Answer Key

11. $\sqrt{28}$

between 5.2 and 5.3

12. $\sqrt{40}$

between 6.3 and 6.4

13. $\sqrt{41}$

between 6.4 and 6.5

14. $\sqrt{80}$

between 8.9 and 9.0

15. $\sqrt{77}$

between 8.7 and 8.8

16. $\sqrt{60}$

between 7.7 and 7.8

17. $\sqrt{22}$

between 4.6 and 4.7

18. $\sqrt{2}$

between 1.4 and 1.5

19. $\sqrt{50}$

between 7.0 and 7.1

20. $\sqrt{65}$

between 8.0 and 8.1