Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Rational Numbers Review

Simplify the following expressions in the box provided. Remember to put your answers in simplest form.

|  |  |
| --- | --- |
| 1. | 2. |
| 3. | 4. |
| 5. | 6. |
| 7. | 8. |
| 9. | 10. Place the numbers in descending order. |

**Answers**

1. \_\_\_\_\_\_\_\_\_\_

2. \_\_\_\_\_\_\_\_\_\_

3. \_\_\_\_\_\_\_\_\_\_

4. \_\_\_\_\_\_\_\_\_\_

5. \_\_\_\_\_\_\_\_\_\_

6. \_\_\_\_\_\_\_\_\_\_

7. \_\_\_\_\_\_\_\_\_\_

8. \_\_\_\_\_\_\_\_\_\_

9. \_\_\_\_\_\_\_\_\_\_

10. \_\_\_\_\_\_\_\_\_

**Convert to a Fraction.**

**9.** 0.32 **10.** 0.04

|  |  |
| --- | --- |
| 11. Convert to a decimal. | 12. Convert to a fraction in simplest form. |
| 13. Place the numbers in ascending order. | 14. Compare. Use >, <, or = to complete each statement. |
| 15. Compare. Use >, <, or = to complete each statement. | 16. Compare. Use >, <, or = to complete each statement. |
| 17. You buy five movie tickets and one $7 bucket of popcorn for $40.75. How much does each ticket cost? | 18. If you walk 3.5 miles per hour, how far will you walk in 1.4 hours? |
| 19. Jack ate two thirds of a pizza and Donte ate one quarter of it. What fraction of the pizza did they eat? | 20. About seven-twelfths of a golf course is in the fairways, one-eighth in the greens, and the rest in the trees. What part of the golf course is in the trees? |
| 21. Explain what happens to the value of a fraction if the denominator gets larger. Include an example in your answer. | 22. Create a decimal that has a value between  and . |

**Answers**

11. \_\_\_\_\_\_\_\_\_\_

12. \_\_\_\_\_\_\_\_\_\_

13. \_\_\_\_\_\_\_\_\_\_

14. \_\_\_\_\_\_\_\_\_\_

15. \_\_\_\_\_\_\_\_\_\_

16. \_\_\_\_\_\_\_\_\_\_

17. \_\_\_\_\_\_\_\_\_\_

18. \_\_\_\_\_\_\_\_\_\_

19. \_\_\_\_\_\_\_\_\_\_

20. \_\_\_\_\_\_\_\_\_\_

21. Write in the question box.

22. \_\_\_\_\_\_\_\_\_\_