

Name: _____
Algebra 1

Date: _____
Band: _____

LT#3: Classify, graph, and compare real numbers.

LT#4: Identify and use properties of real numbers.

Name the subset(s) of the real numbers to which each number belongs.

1. $\frac{12}{18}$

2. -5

3. π

4. $\sqrt{2}$

5. 5564

6. $\sqrt{13}$

7. $-\frac{4}{3}$

8. $\sqrt{61}$

Compare the numbers in each exercise using an inequality symbol.

9. $\sqrt{25}, \sqrt{64}$

10. $\frac{4}{5}, \sqrt{1.3}$

11. $\pi, \frac{19}{6}$

12. $\frac{27}{17}, 1.7781356$

Order the numbers from least to greatest.

13. $1.875, \sqrt{64}, -\sqrt{121}$

14. $-\frac{14}{15}, 5.587, \sqrt{81}$

15. $\pi, \sqrt{10.5625}, -\frac{15}{5.8}$

Name the property that each statement illustrates.

16. $12 + 917 = 917 + 27$

17. $74.5 \cdot 0 = 0$

18. $35 \cdot x = x \cdot 35$

19. $3 \cdot (-1 \cdot p) = 3(-p)$

20. $m + 0 = m$

21. $53.7 \cdot 1 = 53.7$