

Name:

Date:

Period:

Determine whether the numbers are rational or irrational.

1. 16.35

2. π

3. $\sqrt{49}$

4. 0.1234

5. 0.565656...

6. $\sqrt{11}$

7. 0.121121112...

8. $\pi + 23$

9. 0.010011000...

10) List the Perfect Squares from (1x1) to (15x15) ANSWERS ONLY:

_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

11) $\sqrt{50}$ is between which two whole numbers?

- a) 4 and 5 b) 5 and 6 c) 6 and 7 d) 7 and 8

12) True or False $\sqrt{8}$ is between 2 and 3.

13) True or False $\sqrt{15}$ is between 2 and 3.

14) True or False $\sqrt{21}$ is between 5 and 6.

15) True or False $\sqrt{41}$ is between 6 and 7

16) $\sqrt{90}$ is closer to which whole number?

17) $\sqrt{125}$ is closer to which whole number?

18) Name the first whole number.

18. _____

19) Name the first counting number.

19. _____

Determine whether the numbers are rational or irrational.

20. .05500555

21. $30 - \pi$

22. $\sqrt{14}$

23. $0.\overline{3333}$

24. $0.12\overline{1212}$...

25. $\sqrt{400}$

26) Select the greatest number.

- a) $\frac{25}{3}$ b) $\sqrt{16}$ c) 8.2 d) 2.8

27) Which number is an integer?

- a) π b) $\sqrt{81}$ c) $\sqrt{7}$ d) 4.5

28) The number $\sqrt{13}$ is between which two whole numbers.

- a) 2 and 3 b) 3 and 4 c) 6 and 7 d) 7 and 8