

Seatwork 2.1

Part 1: Write **R** if the number is a rational and **I** if the number is an irrational.

1. 0.4
2. 0.33333...
3. $0.\bar{4}$
4. $\frac{2.5}{7}$
5. $\sqrt{3}$

Part 2: Identify if the number is:
an integer (negative only), whole, recurring decimal,
terminating decimal, non – recurring decimal, or surds

6.) 0.9999

7.) -5

8.) $4.0\dot{6}$

9.) 3.141516798...

10.) $\sqrt{99}$

11. $\sqrt{\frac{0}{4}}$

12. $\sqrt{2}$

13. 0.345

Part 3 : Complete the steps in writing
recurring decimals to fractions.

14. $0.48\dot{1} = \frac{\quad}{\quad}$
 $= \frac{\quad}{\quad}$

16. $0.\dot{7} = \frac{\quad}{\quad}$
 $= \frac{\quad}{\quad}$

15. $0.2\dot{3} = \frac{\quad}{\quad}$
 $= \frac{\quad}{\quad}$

17. $0.8\dot{3} = \frac{\quad}{\quad}$
 $= \frac{\quad}{\quad}$
 $= \frac{\quad}{\quad}$

18. $0.14\dot{5} = \frac{\quad}{\quad}$
 $= \frac{\quad}{\quad}$
 $= \frac{\quad}{\quad}$

19. $0.\dot{6} = \frac{\quad}{\quad}$
 $= \frac{\quad}{\quad}$
 $= \frac{\quad}{\quad}$