

12.1

Practice B

Show any necessary work!

Write the rational number as a decimal.

1. $\frac{5}{8}$

2. $-\frac{3}{22}$

3. $1\frac{2}{9}$

4. $-5\frac{3}{40}$

5. $-7\frac{5}{11}$

6. $4\frac{1}{15}$

7. $-9\frac{1}{9}$

8. $-7\frac{5}{6}$

Write the decimal as a fraction or mixed number in simplest form.

9. 0.68

10. -0.01

11. -3.99

12. 8.745

13. 3.005

14. -13.012

15. -9.98

16. -10.452

17. You caught a red snapper that is $8\frac{5}{12}$ inches long. Your friend caught a red snapper that is $8\frac{6}{13}$ inches long. Who caught the larger red snapper?

Copy and complete the statement using $<$, $>$, or $=$.

18. $0.13 \underline{\quad ? \quad} \frac{1}{8}$

19. $-1\frac{2}{9} \underline{\quad ? \quad} \frac{5}{4}$

20. $-5.175 \underline{\quad ? \quad} -5\frac{1}{6}$

21. Find one terminating decimal and one repeating decimal between $-1\frac{1}{2}$ and $-1\frac{7}{9}$.

22. The table gives the tidal changes in the water level of a lagoon for every six hours of a given day.

Time	4:00 A.M.	10:00 A.M.	4:00 P.M.	10:00 P.M.
Change (feet)	2.25	$-\frac{6}{7}$	$-\frac{3}{2}$	$2\frac{1}{3}$

- Order the numbers from least to greatest.
- At what time(s) did the water level decrease?
- What was the largest change in water level?
- Did the tidal change in part (c) involve an increase or a decrease in water level?
- Will the next tidal change be an increase or decrease in water level? Explain.