



Write each fraction or mixed number as a decimal. Use bar notation if necessary.

1. $-7\frac{1}{20}$

2. $-\frac{4}{9}$

3. $\frac{-17}{40}$

4. $-\frac{33}{50}$

5. $2\frac{1}{6}$

6. $\frac{3}{-8}$

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

7. -0.9

8. 0.34

9. $0.\overline{08}$

10. 0.555...

11. 0.555

12. -7.0001

13. 0.25347

14. -3.2

15. $0.9\overline{63}$

16. $5.\overline{05}$

17. $0.\overline{123}$

18. $0.3\overline{045}$

19. $78.3\overline{26}$

20. Write 2 hours and 18 minutes as a decimal.

21. Write a fraction that is equivalent to a terminating decimal between 0.5 and 0.75.

22. The value of pi (π) is 3.1415926... . The mathematician Archimedes believed that π was between $3\frac{1}{7}$ and $3\frac{10}{71}$. Was Archimedes correct? Explain your reasoning.

You have brains in your head. You have feet in your shoes.
You can steer yourself any direction you choose. Dr. Seuss