

HW 2-2**Int 1****Terminating/Repeating Decimals****Unit 2**

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

1. $-4\frac{4}{25}$

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

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

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

4. $9\frac{3}{8}$

6. $-\frac{8}{11}$

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

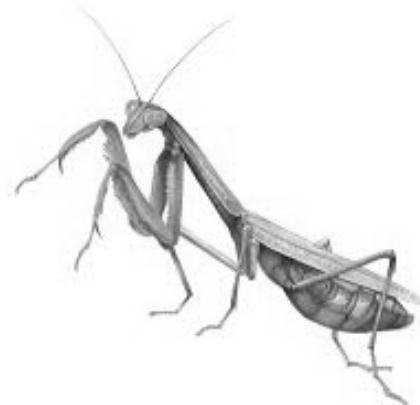
7. -0.2

8. 0.55

9. 5.96

10. The screen on Brianna's new phone is 2.85 centimeters long. What mixed number represents the length of the phone screen?

11. A praying mantis is an interesting insect that can rotate its head 180 degrees. Suppose a praying mantis is 10.5 centimeters long. What mixed number represents this length?



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12. Suppose you buy a 1.25-pound package of ham at \$5.20 per pound.

a. What fraction of a pound did you buy?

b. How much money did you spend?

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

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

14. $\frac{4}{5}$

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

15. $-7\frac{1}{20}$

17. $5\frac{1}{3}$

18. The fraction of a dime that is made up of copper is $\frac{12}{16}$. Write this fraction as a decimal.

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

19. -0.9

20. 0.34

21. 2.66

Name: _____

Period: _____

Score: _____/_____ = _____% = _____

HW 2-2

Int 1

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Round each decimal to the tenths place.

29. 5.69 \approx _____

30. 0.05 \approx _____

31. 98.99 \approx _____

Graph and label each fraction on the number line below.

32. $\frac{1}{2}$



33. $\frac{3}{4}$

34. $\frac{2}{3}$

35. The table shows the discount on athletic shoes at two stores selling sporting equipment. Which store is offering the greater discount? Explain.

STORE	DISCOUNT
Good Sports	$\frac{1}{5}$
Go Time	25%
