

Name _____ Section/Period _____
Assigned: _____

Determine what set(s) of numbers each of the following belong to:

1. 6.84 _____

2. π _____

3. $\frac{3}{5}$ _____

4. 0 _____

5. 1 _____

Simplify each of the following. Show all work.

6. $4.37 + 6.8$

7. $4.839 - 5.94$

8. $4.29438 + 192.9349$

9. $3.29 * -39.2$

10. $29.394 * 4.3$

11. $5.4 \div 0.9$

12. $49.3 \div -9.2$

Simplify each of the following. Round off to the nearest hundredth if needed.

13. $17 \div 4$

14. $193 \div 3$

15. $-16 \div 9$

Round each of the following to the nearest whole number, nearest tenths, and nearest hundredths.

16. 32.9384

17. 93.59213

18. .591299

19. 1.00192

20. 1.29489

21. You go to store to buy some nuts. Peanuts are \$1.28 a pound, walnuts are \$1.79 a pound, and almonds are \$1.99 a pound. You buy 8 ounces of Peanuts, 12 ounces of walnuts, and 2 ounces of almonds. How much money did you spend on the nuts? There are 16 ounces in a pound.

Change the following decimals to fractions. Simplify all answers.

22. 0.74

23. 1.8

24. 3.432

25. 5.2

Change the following fractions to decimals.

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

27. $\frac{2}{9}$

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

29. $\frac{1}{3}$

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

31. $\frac{1}{7}$

Put each of the following into scientific notation.

32. 0.000928

33. 8,000,000

34. 0.00000000000002

Put the following into normal form from scientific notation.

35. 5.3×10^5

36. 2.4443×10^{-8}

37. 3482.94×10^{11}