



Express the following fractions as a decimal.

11.  $\frac{1}{3} =$

12.  $\frac{6}{25} =$

13.  $\frac{234}{9999} =$

14.  $\frac{5}{8} =$

(2 pts ea) Perform the indicated operations, express your answer as a decimal or as a fraction in lowest terms:

15.  $\frac{5}{4} + \frac{7}{8} =$

16.  $\frac{1}{3} + .125 =$

17.  $1.76 + 4.21 =$

18.  $15.2 - 8.372 =$

19.  $-7.5367 - (-12.5) =$

20.  $\frac{9}{100} \cdot \frac{7}{1000} =$

21.  $1.4^2 =$

22.  $5.66(-0.021) =$

23.  $1.23456 \cdot 10^3 =$

24.  $1234.56 \div 10^4 =$

25.  $73.738 \cdot 10000 =$

26.  $174.896/100 =$

27.  $\frac{12.5}{2.5} =$

28.  $\frac{4.36}{4.00} =$

29.  $32.1 - |-6.4 - (-4.82)| =$

30.  $-6.1 - (1.8)(9.9)^2 =$

31.  $\frac{13.8 - (-10.88)}{0.5^2} =$

32.  $\frac{-17.22 - 5.7}{13.75 - 6.75} =$

33. Express the fraction  $\frac{1}{3}$  as a decimal in base 3.34. Express the fraction  $\frac{1}{2}$  as a decimal in base 2.

35. Convert the decimal .0161616... into a single fraction.

36. Convert the decimal .3162162... into a single fraction.