

Casio *fx-82 ES*

Practice Worksheet (1) Name: _____

Write your answers next to the questions

1. Standard and decimal formats

Convert the following fractions to decimal format:

a) $\frac{7}{12} =$ _____ b) $\frac{1}{9} =$ _____ c) $\frac{14}{15} =$ _____

2. Mixed numbers and improper fractions

Use the calculator to find:

a) $2\frac{1}{17} - 1\frac{4}{13} =$ _____ b) $\frac{37}{11} + \frac{141}{17} =$ _____

3. Numbers involving radicals

Find the decimal answers for the following:

a) $\sqrt{6} + 2 =$ _____ b) $\frac{\sqrt{3} - 5}{2} =$ _____ c) $\sqrt{\frac{2}{3}} + 2 =$ _____

4. Using Tables

Enter the following functions and produce their tables.

a) $f(x) = -2x^2 - 1$

start $x = -2$, end $x = 2$, step = 1

	X	F(X)
1		
2		
3		
4		
5		

b) $f(x) = \frac{\sin(x)}{\cos(x)}$

start $x = 0$, end $x = 90$, step = 10
(Round off to 4 decimal places.)

	X	F(X)
1		
2		
3		
4		
5		

	X	F(X)
6		
7		
8		
9		
10		