

UNIT 8: DECIMAL FRACTIONS

From now on it can become necessary to use a calculator. All decimals must be rounded to three decimals where there are more than three decimal numbers.

Exercise 8.1 Classwork or Homework



Rewrite the numbers as decimal fractions.
Show all your steps.

1. $37\frac{1}{10}$

2. $40\frac{92}{100}$

3. $56\frac{678}{1000}$

4. $49\frac{8}{10} =$

5. $99\frac{99}{100}$

6. $87\frac{5}{10}$

7. $21\frac{7}{1000}$

8. $16\frac{16}{100}$

9. $39\frac{60}{1000}$

10. $41\frac{20}{100}$

Round to three decimals:

11. 0,4335

12. 6,0283

13. 6,6519

14. 0,2024

15. 7,2218

16. 0,6605


17. 8,28342

18. 9,8700


19. 7,0760

20. 3,6292

Exercise 8.2 Classwork or Homework

	Convert the common fractions to decimal fractions. Show all the steps.	
1. $\frac{1}{2} =$	2. $\frac{6}{10} =$	
3. $\frac{3}{4} =$	4. $\frac{5}{6} =$	
5. $\frac{2}{4} =$	6. $\frac{4}{8} =$	
7. $\frac{3}{5} =$	8. $\frac{5}{8} =$	
9. $\frac{3}{6} =$	10. $\frac{2}{10} =$	

Exercise 8.3 Classwork or Homework

	Convert the decimal fractions to common fractions. Show all your steps.	
1. 0,75	2. 0,125	
3. 0,95	4. 0,8	
5. 0,667	6. 0,333	
7. 0,7	8. 0,25	
9. 0,875	10. 0,45	