Section B

15. Write a fraction and a decimal for each shaded part:

□ ______ ______

□ ______ ______

■ ______ ______

16. Fill in the missing numbers:
   a) .94 = ____ tenths _____ hundredths
   b) .37 = ____ tenths _____ hundredths
   c) .41 = ____ tenths _____ hundredths
   d) .05 = ____ tenths _____ hundredths

17. Write as a decimal:
   a) 8 tenths 3 hundredths =
   b) 0 tenths 7 hundredths =
   c) 3 tenths 2 hundredths =
   d) 0 tenths 5 hundredths =

18. Write the following decimals as fractions. Reduce your answers where possible:
   a) .6 =
   b) .53 =
   c) .04 =
   d) .1 =
   e) .48 =

19. Change the following fractions to decimals:
   a) \( \frac{76}{100} \) =
   b) \( \frac{6}{100} \) =
   c) \( \frac{46}{100} \) =
   d) \( \frac{8}{100} \) =

20. Using numbers and words, write the amount of tenths and hundredths in each of the following decimals:
   a) .3
   b) .05
   c) .97
   ______ tenths __________________________
   ______ hundredths __________________________
Section B (continued)

21. Write the numbers in order from least to greatest by first changing each decimal or fraction to a fraction with a denominator of 10:
   a) 0.8, 0.3, 0.4  
   b) \( \frac{7}{10}, 0.2, \frac{1}{10} \)  
   c) 0.3, 0.6, \( \frac{2}{5} \)  
   d) 1.39, 1 \( \frac{30}{100} \), \( 1 \frac{49}{100} \)

22. Write the following fractions as decimals:
   a) \( \frac{875}{1000} \)  
   b) \( \frac{25}{1000} \)  

23. Compare each pair of decimals by writing < or > in the box:
   HINT: Add zeroes wherever necessary to give each number the same number of digits.
   a) .275 \( \square \) .273  
   b) .27 \( \square \) .123  
   c) .596 \( \square \) .7  
   d) 1.7 \( \square \) 1.6

24. Line up the decimals and add or subtract the following decimals:
   a) 0 \( \cdot \) 3.2 + 0 \( \cdot \) 97 =  
   b) 0 \( \cdot \) 64 – 0 \( \cdot \) 23 =  
   c) 0 \( \cdot \) 94 + 0 \( \cdot \) 3 =  

25. Find the products:
   a) 3 \times 8.3 =  
   b) 8 \times 2.63 =  
   c) 7 \times .207 =  

26. Divide:
   a) 0.3 \div 10 =  
   b) 0.5 \div 100 =  
   c) 17:10 =  
   d) 27 \div 100 =  
   e) 6.2 \div 100 =  
   f) .03 \div 10 =  
27. Divide:

\[
8 \overline{)1.44}
\]

28. Karen cycled 62.4 km in 4 hours. How many km did she cycle in an hour? Show your work:

29. Which is a better deal: 6 pens for $4.99 or 8 pens for $6.99? Show your work:

30. Round each decimal to the nearest tenth. Underline the hundredths digit first:
   a) .25 b) .32 c) .68 d) 1.35

31. Round each decimal to the nearest whole number. Underline the tenths digit first:
   a) 3.25 b) 4.13 c) 2.95 d) 68.7

32. Add:
   a) 3000 + 200 + 7 + 0.02 = _________
   b) 10 000 + 500 + 20 + 0.1 + .05 = _________

33. Which is greater: 3.70 or 3.07? Explain.

34. Write a decimal…
   a) between 4.257 and 4.253: _________
   b) One thousandth greater than 4.270: _________