

EXTRA PRACTICE - Exercises

Copyright © 2003 by Videotext *Interactive*

Unit I – The Structure of Mathematics

Part B – Further Investigation of Number Symbols

Lesson 3 – Changing Fraction Forms and Decimal Forms

Find the terminating decimal equivalent to each of the following fractions.

1. $\frac{8}{25}$

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

3. $\frac{13}{20}$

4. $\frac{17}{64}$

5. $\frac{7}{10}$

6. $\frac{5}{16}$

7. $\frac{11}{20}$

8. $\frac{15}{16}$

9. $\frac{7}{32}$

10. $\frac{7}{25}$

Find the repeating decimal equivalent to each of the following fractions.

11. $\frac{13}{24}$

12. $\frac{3}{11}$

13. $\frac{5}{7}$

14. $\frac{7}{15}$

15. $\frac{5}{13}$

16. $\frac{13}{33}$

17. $\frac{11}{30}$

18. $\frac{7}{12}$

19. $\frac{11}{12}$

20. $\frac{4}{9}$

EXTRA PRACTICE — Answer Key

Copyright © 2003 by Videotext *Interactive*

Unit I – The Structure of Mathematics Part B – Further Investigation of Number Symbols **Lesson 3 – Changing Fraction Forms and Decimal Forms**

Find the terminating decimal equivalent to each of the following fractions.

1. $.32$

2. $.625$

3. $.65$

4. $.265625$

5. $.7$

6. $.3125$

7. $.55$

8. $.9375$

9. $.21875$

10. $.28$

Find the repeating decimal equivalent to each of the following fractions.

11. $.54\overline{16}$

12. $\overline{.27}$

13. $\overline{.714285}$

14. $\overline{.46}$

15. $\overline{.384615}$

16. $\overline{.39}$

17. $\overline{.36}$

18. $\overline{.583}$

19. $\overline{.916}$

20. $\overline{.4}$