

EXTRA PRACTICE - Exercises

Copyright © 2003 by Videotext *Interactive*

Unit I – The Structure of Mathematics Part B – Further Investigation of Number Symbols **Lesson 8 – Greatest Common Factor**

Find the greatest common factor (GCF) for each of the following groups of numbers by listing the factors of each.

1. 36, 45

2. 56, 42

3. 42, 60

4. 24, 56, 42

5. 119, 68, 34

6. 4, 6, 9, 21

Find the greatest common factor (GCF) for each of the following groups of numbers by factoring each number as a product of primes.

7. 81, 18

8. 38, 57

9. 65, 51

10. 100, 80

11. 69, 92

12. 18, 48, 24

13. 24, 36, 42

14. 91, 65, 39

15. 9, 21, 15

16. 72, 18, 54, 63

EXTRA PRACTICE — Answer Key

Copyright © 2003 by Videotext *Interactive*

Unit I – The Structure of Mathematics Part B – Further Investigation of Number Symbols **Lesson 8 – Greatest Common Factor**

Find the greatest common factor (GCF) for each of the following groups of numbers by listing the factors of each.

1. GCF = 9

2. GCF = 14

3. GCF = 6

4. GCF = 2

5. GCF = 17

6. GCF = 1

Find the greatest common factor (GCF) for each of the following groups of numbers by factoring each number as a product of primes.

7. GCF = 9

8. GCF = 19

9. GCF = 1

10. GCF = 20

11. GCF = 23

12. GCF = 6

13. GCF = 6

14. GCF = 13

15. GCF = 3

16. GCF = 9