

EXTRA PRACTICE - Exercises

Copyright © 2003 by Videotext *Interactive*

Unit I – The Structure of Mathematics

Part C – Further Investigation of Operation Symbols

Lesson 11 – Operations with Signed Numbers - Multiplication and Division

Find the answer to each of the following problems by using the patterns illustrated in Example 1 of Unit 1, Part C, Lesson 11.

1. $-35 (-4)$

2. $+17 (+3)$

3. $-18 (+7)$

4. $-12 (-5)$

5. $-25 (-8)$

6. $-15 (-1)$

7. $-42 (+6)$

8. $0 (+23)$

9. $+13 (+13)$

10. $-22 (-50)$

11. $+4 (+17)$

12. $-8 (-22)$

13. $+15 (-8)$

14. $-4 (+13)$

15. $+19 (-19)$

16. $-4 (+18)$

17. $-6 (+15)$

18. $-11 (+13)$

19. $-17 (0)$

20. $-17 (-17)$

21. $-25 (-40)$

Find the answer to each of the following problems by using the patterns illustrated in Example 2 of Unit 1, Part C, Lesson 11.

22. $-200 \div (+25)$

23. $-144 \div (+24)$

24. $-8 \div (+8)$

25. $+105 \div (-15)$

26. $+52 \div (+4)$

27. $-720 \div (-18)$

28. $-3600 \div (-60)$

29. $-1 \div (-1)$

30. $-200 \div (+8)$

31. $+392 \div (-8)$

32. $-624 \div (-52)$

33. $-85 \div (-17)$

34. $-300 \div (-75)$

35. $-108 \div (+9)$

36. $+1728 \div (-12)$

37. $-175 \div (-25)$

38. $432 \div (-16)$

39. $+729 \div (-9)$

40. $-374 \div (-17)$

41. $-64 \div (-8)$

42. $+96 \div (-6)$

EXTRA PRACTICE — Answer Key

Copyright © 2003 by Videotext *Interactive*

Unit I – The Structure of Mathematics Part C – Further Investigation of Operation Symbols **Lesson 11 – Operations with Signed Numbers - Multiplication and Division**

Find the answer to each of the following problems by using the patterns illustrated in Example 1 of Unit 1, Part C, Lesson 11.

- | | |
|-----------|-----------|
| 1. +140 | 2. +51 |
| 3. -126 | 4. +60 |
| 5. +200 | 6. +15 |
| 7. -252 | 8. 0 |
| 9. +169 | 10. -1100 |
| 11. +68 | 12. +176 |
| 13. -120 | 14. -52 |
| 15. -361 | 16. -72 |
| 17. +90 | 18. -143 |
| 19. 0 | 20. +289 |
| 21. +1000 | |

Find the answer to each of the following problems by using the patterns illustrated in Example 2 of Unit 1, Part C, Lesson 11.

- | | |
|----------|---------|
| 22. -8 | 23. -6 |
| 24. -1 | 25. -7 |
| 26. +13 | 27. +40 |
| 28. +60 | 29. +1 |
| 30. -25 | 31. -49 |
| 32. +12 | 33. +5 |
| 34. +4 | 35. -12 |
| 36. -144 | 37. +7 |
| 38. -27 | 39. -81 |
| 40. +22 | 41. +8 |
| 42. -16 | |