

## 4.6 DIVISION OF INTEGERS

A. Find the quotient of each of the following.

- |                        |                        |                        |                        |
|------------------------|------------------------|------------------------|------------------------|
| 1. $(+15) \div (+5)$   | 2. $(+25) \div (+5)$   | 3. $(+63) \div (-9)$   | 4. $(-80) \div (-16)$  |
| 5. $(-64) / (+16)$     | 6. $(+56) \div (-8)$   | 7. $(-34) / (+17)$     | 8. $(+18) / (-3)$      |
| 9. $(-32) \div (+4)$   | 10. $(+55) / (-11)$    | 11. $(-48) / (-12)$    | 12. $(-44) \div (+11)$ |
| 13. $(-55) / (-11)$    | 14. $(+72) \div (+9)$  | 15. $(+121) / (-11)$   | 16. $(-169) / (-13)$   |
| 17. $(+144) / (+4)$    | 18. $(-25) \div (+5)$  | 19. $(+36) \div (-3)$  | 20. $(-18) / (-9)$     |
| 21. $(-100) / (+20)$   | 22. $(-124) / (+31)$   | 23. $(-300) / (-20)$   | 24. $(-90) \div (+45)$ |
| 25. $(+38) \div (-2)$  | 26. $(+52) \div (+13)$ | 27. $(-19) \div (-19)$ | 28. $(+63) / (+7)$     |
| 29. $(-35) \div (+7)$  | 30. $(-55) \div (-5)$  | 31. $(+110) / (-10)$   | 32. $(+35) \div (+7)$  |
| 33. $(-42) \div (-7)$  | 34. $(-81) / (+3)$     | 35. $(+65) / (-5)$     | 36. $(-63) \div (-7)$  |
| 37. $(-100) / (+20)$   | 38. $(+24) \div (-2)$  | 39. $(-48) \div (-12)$ | 40. $(-108) \div (+9)$ |
| 41. $(+150) / (-3)$    | 42. $(+160) / (-8)$    | 43. $(-84) \div (+6)$  | 44. $(-90) \div (-5)$  |
| 45. $(+36) / (+3)$     | 46. $(-62) \div (-2)$  | 47. $(+88) / (-4)$     | 48. $(-95) \div (+5)$  |
| 49. $(-16) \div (-2)$  | 50. $(+200) / (+10)$   | 51. $(+250) / (-5)$    | 52. $(-320) \div (+8)$ |
| 53. $(-180) \div (-6)$ | 54. $(+42) \div (+7)$  | 55. $(-16) \div (+2)$  | 56. $(+24) / (+3)$     |
| 57. $(-76) / (-4)$     | 58. $(+68) / (+17)$    | 59. $(-92) \div (+4)$  | 60. $(-6) / (+6)$      |

B. Complete the following.

1. A positive integer divided by a positive integer = \_\_\_\_\_
2. A negative integer divided by a negative integer = \_\_\_\_\_
3. When dividing and the signs are different the answer is always \_\_\_\_\_
4. When dividing and the signs are the same the answer is always \_\_\_\_\_

# What Should a Boy Do If He Loses a Knee?

Do each exercise and find your answer in the corresponding set of answer boxes.  
Write the letter of the exercise in the box containing the answer.

(E)  $-15 \div 3$

(A)  $-88 \div -8$

(T)  $120 \div 10$

(B)  $(-18 \div -2) + (28 \div 7)$

(O)  $24 \div -2$

(H)  $49 \div -7$

(R)  $-48 \div 6$

(H)  $(12 \div -4) + (-64 \div 8)$

(U)  $\frac{72}{9}$

(P)  $\frac{-13}{13}$

(O)  $\frac{-100}{-25}$

(T)  $\frac{-42}{7} + \frac{-21}{-3}$

(S)  $\frac{-40}{-4}$

(O)  $\frac{300}{-5}$

(G)  $\frac{45}{3}$

(C)  $\frac{36}{9} + \frac{40}{-5}$

15	-12	18	1	-60	60	11	-15	13	8	12	-4	-7	-5	-8	7	10	-11	4	-1
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(A)  $54 \div -9$

(I)  $-60 \div -12$

(R)  $-120 \div 6$

(F)  $(25 \div -5) + (16 \div 2)$

(D)  $-28 \div -4$

(A)  $99 \div -1$

(N)  $-200 \div -5$

(S)  $(-63 \div -7) + (-15 \div 15)$

(E)  $\frac{100}{5}$

(K)  $\frac{-75}{25}$

(D)  $\frac{180}{18}$

(K)  $\frac{42}{-6} + \frac{-150}{3}$

(O)  $\frac{-32}{8}$

(Y)  $\frac{-36}{-18}$

(A)  $\frac{77}{-11}$

(N)  $\frac{-990}{-10} + \frac{0}{-9}$

-99	40	7	-5	-7	8	-3	4	3	-4	-20	-2	-6	-10	-57	5	10	99	20	2
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