Name: _____ Date: _____

Multiplying and Dividing Integers

Grade 7 • 40 questions • Part A: multiply. Same signs give +, different signs give –

1. $2 \times (-6) =$ _____
2. $4 \times (-5) =$ _____
3. $(-8) \times 11 =$ _____
4. $(-6) \times (-12) =$ _____
5. $3 \times (-7) =$ _____
6. $(-6) \times (-2) =$ _____
7. $(-3) \times 9 =$ _____
8. $(-12) \times 5 =$ _____
9. $7 \times (-8) =$ _____
10. $(-7) \times 4 =$ _____
11. $(-8) \times (-6) =$ _____
12. $(-8) \times (-3) =$ _____
13. $4 \times (-2) =$ _____
14. $(-5) \times 10 =$ _____
15. $(-2) \times 12 =$ _____
16. $(-9) \times (-2) =$ _____

Part B • Divide. Check by multiplying

17. $-45 \div (-9) =$ _____
18. $-72 \div (-9) =$ _____
19. $-36 \div 9 =$ _____
20. $-35 \div 5 =$ _____
21. $-36 \div 4 =$ _____
22. $-42 \div 6 =$ _____
23. $-36 \div (-3) =$ _____
24. $-3 \div 3 =$ _____
25. $-9 \div 3 =$ _____
26. $24 \div (-3) =$ _____
27. $-33 \div 3 =$ _____
28. $-48 \div (-6) =$ _____
29. $42 \div (-6) =$ _____
30. $32 \div (-8) =$ _____
31. $36 \div (-3) =$ _____
32. $-35 \div 7 =$ _____

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Part C • Count the negative signs: even gives +, odd gives − • Part D: find the missing number

33. $(-2) \times 3 \times (-4) =$ _____

34. $(-1) \times (-5) \times (-6) =$ _____

35. $2 \times (-3) \times (-5) =$ _____

36. $(-2) \times (-2) \times (-2) =$ _____

Part D • Find the missing number

37. $-6 \times$ ____ $= 42$

38. ____ $\times (-4) = -36$

39. $-56 \div$ ____ $= 8$

40. ____ $\div (-3) = 5$

Sign rules for × and ÷

+ × + = + − × − = + (same signs: positive)

+ × − = − − × + = − (different signs: negative)

The same rules work for ÷. Many negatives: count them. Even → +, odd → −.

Answer Key — Multiplying and Dividing Integers

1. -12
2. -20
3. -88
4. 72
5. -21
6. 12
7. -27
8. -60
9. -56
10. -28
11. 48
12. 24
13. -8
14. -50
15. -24
16. 18
17. 5
18. 8
19. -4
20. -7
21. -9
22. -7
23. 12
24. -1
25. -3
26. -8
27. -11
28. 8
29. -7
30. -4
31. -12
32. -5
33. 24
34. -30
35. 30
36. -8
37. -7
38. 9
39. -7
40. -15