



Math Worksheet for 5th Grade

Multiplying decimals and whole numbers

Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

Estimating with multiplying decimals and whole numbers

1. Estimate: 3.7×5
2. Estimate: 6.8×3
3. Estimate (nearest tenth): 2.46×4
4. Estimate: 9.9×6
5. Estimate (nearest whole): 0.78×5
6. Estimate: 12.3×8
7. Estimate: 5.49×7
8. Estimate: 0.34×9
9. Estimate (nearest whole): 14.7×3
10. Estimate: 7.25×4
11. Estimate: 0.56×12
12. Estimate: 3.14×11
13. Estimate: 2.99×6

Multiplying decimals and whole numbers with visuals (simple problems suited to area models, arrays, or set models)

14. 0.3×6
15. 0.25×8
16. 0.6×15
17. 1.2×5
18. 2.5×4
19. 0.75×4
20. 0.4×7
21. 1.05×3
22. 0.2×25
23. 3.4×2
24. 0.125×8
25. 4.5×3

Strategies for multiplying decimals and whole numbers (use distributive property, place-value thinking, or break-apart strategies)

26. 4.6×7
27. 3.75×8
28. 6.4×9



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29. 2.34×6

30. 5.55×5

31. 7.2×11

32. 0.89×7

33. 12.3×4

34. 0.47×6

35. 8.25×4

36. 9.99×3

37. 0.33×12

Strategies for multiplying multi-digit decimals by whole numbers

38. 13.4×6

39. 24.56×3

40. 3.456×8

41. 0.678×25

42. 45.5×12

43. 0.125×32

44. 6.789×5

45. 102.3×4

46. 7.25×16

47. 0.042×50

48. 89.07×3

49. 3.141×6

50. 0.999×25