



Math Worksheet for 5th Grade

Multi-digit multiplication

Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

Answers:

1. 918

2. $100 \times 30 = 3,000$; $50 \times 30 = 1,500$; $6 \times 30 = 180$; $100 \times 4 = 400$; $50 \times 4 = 200$; $6 \times 4 = 24$ → total 5,304

3. 3,588

4. $400 \times 20 = 8,000$; $30 \times 20 = 600$; $2 \times 20 = 40$; $400 \times 5 = 2,000$; $30 \times 5 = 150$; $2 \times 5 = 10$ → total 10,800

5. 12,894

6. 36,120

7. 8,892

8. 16,536

9. $50 \times 70 = 3,500$; $6 \times 70 = 420$; $50 \times 8 = 400$; $6 \times 8 = 48$ → total 4,368

10. 42,168

11. 2,394

12. 25,230

13. 7,425

14. 12,872

15. 11,735

16. 15,036

17. 5,076

18. 11,835

19. 13,574

20. 35,014

21. 8,814

22. 17,208

23. 13,332

24. 54,485

25. 76,114

26. $243 \times 6 = 1,458$ and $243 \times 50 = 12,150$ → sum 13,608

27. 13,608

28. True

29. $814 \times 30 = 24,420$; $814 \times 2 = 1,628$; total = 26,048

30. $1,005 \times 20 = 20,100$; $1,005 \times 3 = 3,015$; total = 23,115

31. 155,066



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32. $6,742 \times 3 = 20,226$ and $6,742 \times 20 = 134,840$ (partial rows: 20,226 and 13,484 before shifting)

33. $6,000 \times 20 = 120,000$; $700 \times 20 = 14,000$; $40 \times 20 = 800$; $2 \times 20 = 40$; $6,000 \times 3 = 18,000$; $700 \times 3 = 2,100$; $40 \times 3 = 120$; $2 \times 3 = 6 \rightarrow$ sum 155,066

34. $6,742 \times 3 = 20,226$ and $6,742 \times 2 = 13,484$ (the second row is written as 13,484 then shifted to 134,840)

35. 140,000

36. Greater

37. 20,226

38. 134,840

39. 20,226

40. 6,742

41. 5,568

42. 22,977

43. 30,000

44. 82,800

45. 114,072

46. 202,260

47. 13,484

48. 20,226

49. $138,000 + 16,100 + 920 + 46 = 155,066$

50. 6