Multiplication on a counting board

ANSWER KEY

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Use after completing the practice page. Values are generated by the page's shared engine.

Equivalent exact representations are valid where the prompt allows them. Non-integer results are rounded to two decimals.

1 **Answer: 322**

23 × 4 (ones row): 92; 23 × 10 (tens row): 230; Combine the rows: 322

2 **Answer: 700**

35 × 0 (ones row): 0; 35 × 20 (tens row): 700; Combine the rows: 700

3 **Answer: 1026**

38 × 7 (ones row): 266; 38 × 20 (tens row): 760; Combine the rows: 1026

4 **Answer: 656**

41 × 6 (ones row): 246; 41 × 10 (tens row): 410; Combine the rows: 656

5 **Answer: 1188**

44 × 7 (ones row): 308; 44 × 20 (tens row): 880; Combine the rows: 1188

6 **Answer: 752**

47 × 6 (ones row): 282; 47 × 10 (tens row): 470; Combine the rows: 752

7 **Answer: 1150**

50 × 3 (ones row): 150; 50 × 20 (tens row): 1000; Combine the rows: 1150

8 **Answer: 848**

53 × 6 (ones row): 318; 53 × 10 (tens row): 530; Combine the rows: 848

9 **Answer: 21948**

372 × 9 (ones row): 3348; 372 × 50 (tens row): 18600; Combine the rows: 21948

10 **Answer: 22896**

477 × 8 (ones row): 3816; 477 × 40 (tens row): 19080; Combine the rows: 22896

11 **Answer: 9646**

182 × 3 (ones row): 546; 182 × 50 (tens row): 9100; Combine the rows: 9646

12 **Answer: 12054**

287 × 2 (ones row): 574; 287 × 40 (tens row): 11480; Combine the rows: 12054

Practise interactively and explore the method:

https://goofergames.com/math/world/rod-multiplication

Free for educational use: teachers may print and share the worksheets with their students.