

Estimating multiplication with decimal
Worksheet with answers

1) 66.3×33.6

2) 52.5×31.2

3) 99.8×101.7

4) 689.5×32.56

5) 7859.6×8.1

6) 56.3×33.6

7) 72.5×31.2

8) 899.8×201.7

9) 789.5×22.56

10) 9859.6×9.1

11) 76.3×23.6

12) 52.5×21.2

13) 99.8×99.7

14) 289.5×12.56

15) 7859.6×1.1356

16) 28.3×33.6

17) 42.7×21.2

18) 199.8×101.7

19) 1989.5×32.56

20) 18859.6×8.1

21) 77.3×33.6

22) 82.5×31.2

23) 699.8×101.8

24) 689.6×32.57

25) 7959.6×8.9

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Answers:

1) $66.3 \times 33.6 = 70 \times 30 = \mathbf{2100}$

2) $52.5 \times 31.2 = 50 \times 30 = \mathbf{1500}$

3) $99.8 \times 101.7 = 100 \times 100 = \mathbf{10000}$

4) $689.5 \times 32.56 = 700 \times 30 = \mathbf{21000}$

5) $7859.6 \times 8.1 = 8000 \times 8 = \mathbf{64000}$

6) $56.3 \times 33.6 = 60 \times 30 = \mathbf{1800}$

7) $72.5 \times 31.2 = 70 \times 30 = \mathbf{2100}$

8) $899.8 \times 201.7 = 900 \times 200 = \mathbf{180000}$

9) $789.5 \times 22.56 = 800 \times 20 = \mathbf{16000}$

10) $9859.6 \times 9.1 = 10000 \times 9 = \mathbf{90000}$

11) $76.3 \times 23.6 = 80 \times 20 = \mathbf{1600}$

- 12) $52.5 \times 21.2 = 50 \times 20 = \mathbf{1000}$
- 13) $99.8 \times 99.7 = 100 \times 100 = \mathbf{10000}$
- 14) $289.5 \times 12.56 = 300 \times 10 = \mathbf{3000}$
- 15) $7859.6 \times 1.13 = 8000 \times 1 = \mathbf{8000}$
- 16) $28.3 \times 33.6 = 30 \times 30 = \mathbf{900}$
- 17) $42.7 \times 21.2 = 40 \times 20 = \mathbf{800}$
- 18) $199.8 \times 101.7 = 200 \times 100 = \mathbf{20000}$
- 19) $1989.5 \times 32.56 = 2000 \times 30 = \mathbf{60000}$
- 20) $18859.6 \times 8.1 = 20000 \times 8 = \mathbf{160000}$
- 21) $77.3 \times 33.6 = 80 \times 30 = \mathbf{2400}$
- 22) $81.5 \times 31.2 = 80 \times 30 = \mathbf{2400}$
- 23) $699.8 \times 101.8 = 700 \times 100 = \mathbf{70000}$

24) $689.6 \times 32.57 = 700 \times 30 = \mathbf{21000}$

25) $7959.6 \times 8.9 = 8000 \times 9 = \mathbf{72000}$

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