

Name: Class:

Multiply a decimal by a power of ten

When multiplying by powers of 10, we shift the decimal point to the right the number of zeroes in your power of 10.

a. $20.592 \times 1\,000$

Let's move the decimal point 3 places to the right.

$$20.592 \times 1\,000 = 20\,592$$

b. $0.517 \times 100 =$

h. $6.5464 \times 10 =$

c. 95.28×100

i. $4.317 \times 10\,000$

d. 8.4×10

j. $7.876 \times 1\,000 =$

e. $6.6359 \times 100\,000$

k. 72.645×10

f. $89.740 \times 1\,000$

l. 6.2789×10

g. 10.63×100

m. $25.22 \times 10\,000$

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a. $20.592 \times 1\,000$

Let's move the decimal point 3 places to the right.

$20.592 \times 1\,000 = 20\,592$

b. $0.517 \times 100 =$

51.7

h. $6.5464 \times 10 =$

65.464

c. 95.28×100

9 528

i. $4.317 \times 10\,000$

43 170

d. 8.4×10

84

j. $7.876 \times 1\,000 =$

7 876

e. $6.6359 \times 100\,000$

663 590

k. 72.645×10

726.45

f. $89.740 \times 1\,000$

89 740

l. 6.2789×10

62 789

g. 10.63×100

1 063

m. $25.22 \times 10\,000$

252 200