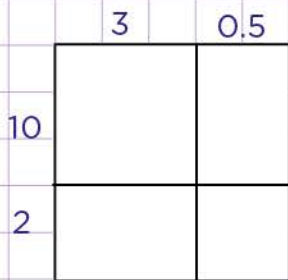


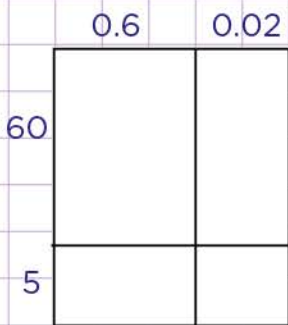
Name: Class:

Multiply a decimal by a 2-digit whole number using area models

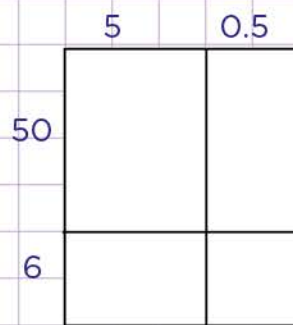
a. Find the product of 12×3.5 using the area model below



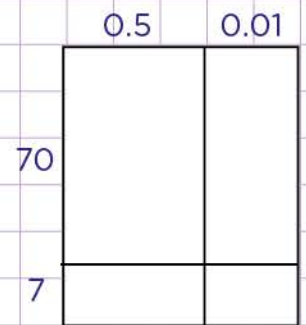
b. 65×0.62



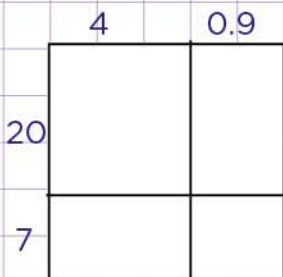
c. 56×5.5



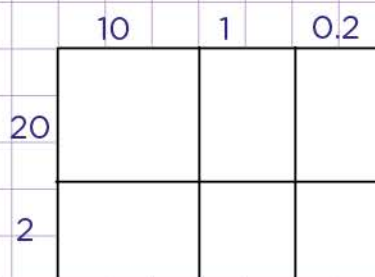
d. 77×0.51



e. 27×4.9



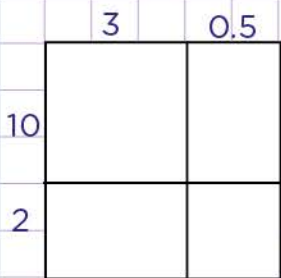
f. 22×11.2



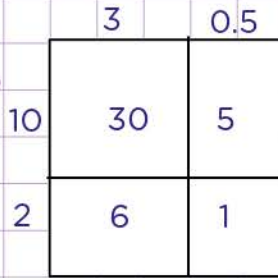
Name: Class:

Multiply a decimal by a 2-digit whole number using area models

a. Find the product of 12×3.5 using the area model below.



Let's first multiply the side lengths to get the area of each section.

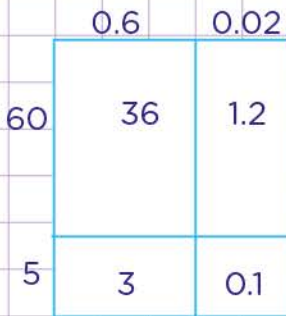


Finally add all the figures in each section.

$$30 + 5 + 6 + 1 = 42$$

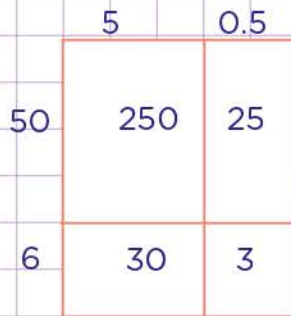
So, $12 \times 3.5 = 42$

b. 65×0.62



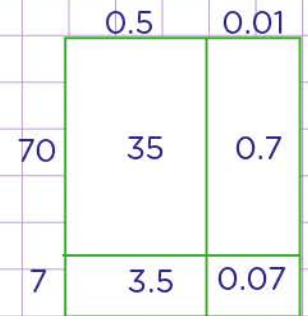
So, $65 \times 0.62 = 40.3$.

c. 56×5.5



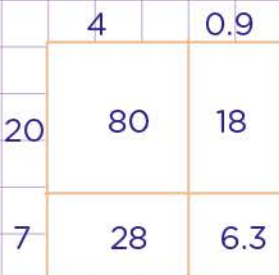
So, $56 \times 5.5 = 308$.

d. 77×0.51



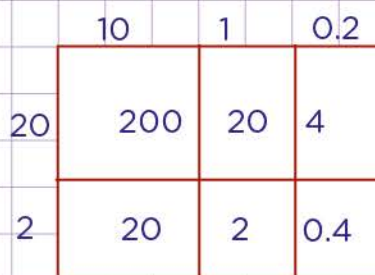
So, $77 \times 0.51 = 39.27$.

e. 27×4.9



So, $27 \times 4.9 = 132.3$.

f. 22×11.2



So, $22 \times 11.2 = 246.4$.