

Jadwin-Technical Math B-4A Period-Off Site Learning Packet Day 9

Multiplying Decimals

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To multiply decimals: ignore the decimal point initially, multiply like you normally would using the standard algorithm, count how many digits are behind each decimal and that will be the amount you move the decimal in the end to get your final answer.

Example: 60.412×0.53

$$\begin{array}{r} 60.412 \\ \times 0.53 \\ \hline 181236 \\ 3020600 \\ + 0000000 \\ \hline 3201836 \end{array}$$

Since there are 5 digits combined behind the decimal point move 5 spots left to finish the answer

32.01836

Multiply the following decimals.

1. 26.51×2.5

2. 410.97×4.258

3. 71.822×5

4. 100×7.621