Suided Notes

3.4 Multiply Decimals by Decimals (6.NS.3)

Multiply Decimals

- When multiplying a decimal by a decimal, multiply as with __WNDIE numbers.
- Then, put the decimal point in the answer it will have as many APCIMAL places as the two factors combined.

Annex a Zero

answer you need to If there are not enough decimal places in the __ annex zeros to the left.

Guided Practice: Multiply

- 1.) 0.6 0.5
 - 0.30

- - 7.154

- 4.) 2.7 1.35
- 6.) 0.04 2.12
- 7.) A mile is equal to approximately 1.609 kilometers. How many kilometers is 2.5 miles? Justify your_answer.

There are 4.0225 km

Building on the Essential Question - Why is estimating not as helpful when multiplying very small numbers such as 0.007 and 0.053?

both numbers round to zero

x0 = 0 (won't tell you if it's close to the real answer)

Rate Yourself

Are you ready to move on?

YES OR NO