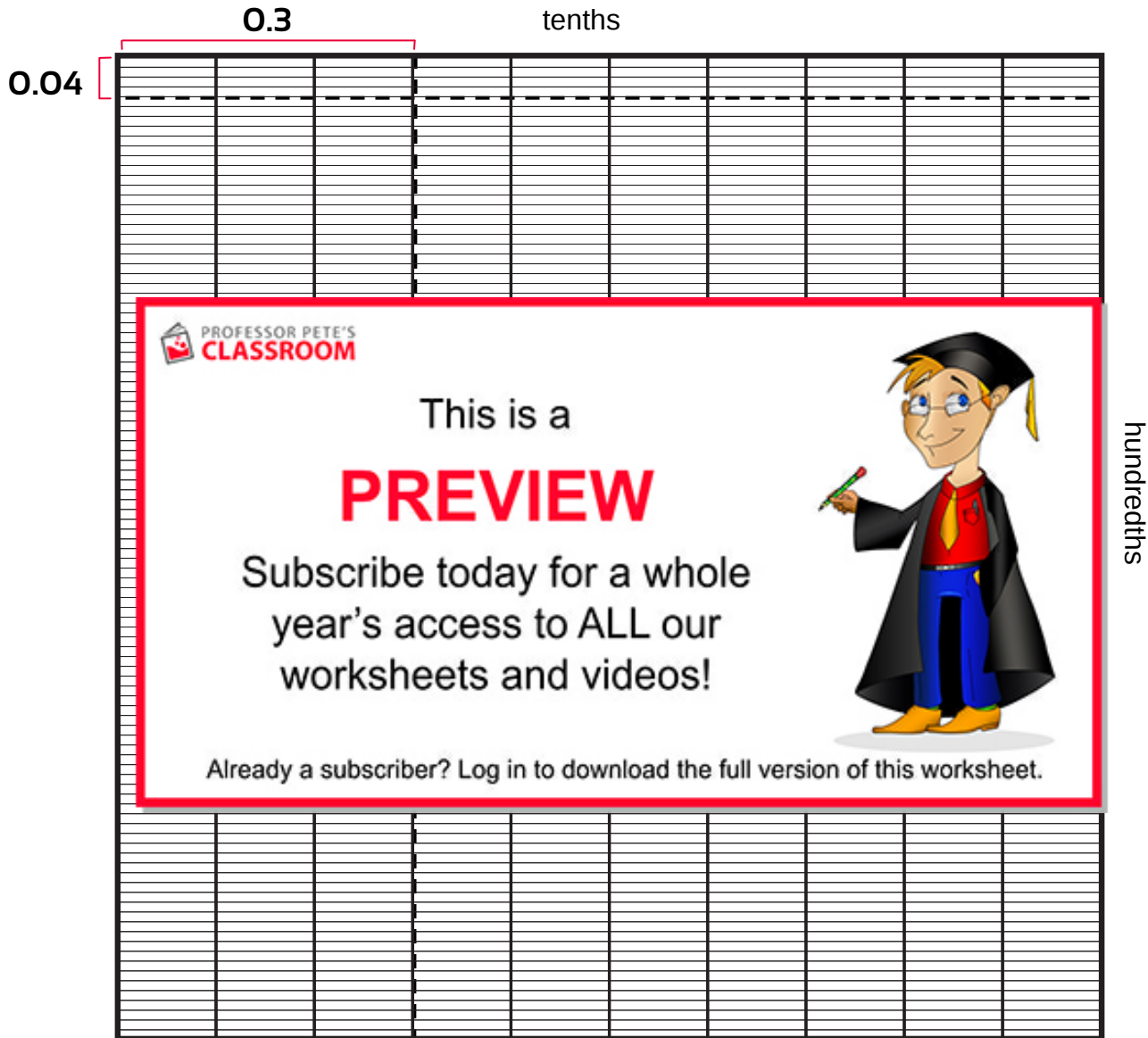


Multiplying a Decimal by a Decimal: Tenths by Hundredths

In this example you are multiplying tenths by hundredths.
(each of the tiny rectangles are _____)

0.3 x 0.04 = _____ How many thousandths are shaded? _____



So tenths by hundredths gives an answer in _____
(tenths, hundredths, thousandths)

Often an easy way to remember what place the answer is, is to count all the decimal places in both of the multipliers. e.g. **0.3 (1 place) x 0.05 (2 places) = 0.015 (3 places)**

1 place + 2 places = 3 places in your answer

Write your answer as a common fraction:

Write your answer in words: _____

Multiplying a Decimal by a Decimal: Tenths by Hundredths

Work out these:

To remember where to place the answer, count all the decimal places in both of the multipliers. e.g. 0.3 (1 place) \times 0.05 (2 places) = 0.015 (3 places)

1 place + 2 places = 3 places in your answer

e.g. $0.4 \times 0.07 = 0.028$

Write your answer as
a common fraction:

Write your answer in words: _____

Solve these

1) $0.7 \times$ _____

Solve these

(Remember

4) $2.6 \times$ _____

7) $5.2 \times 0.07 =$ _____ 8) $7.6 \times 0.08 =$ _____ 9) $0.03 \times 6.8 =$ _____



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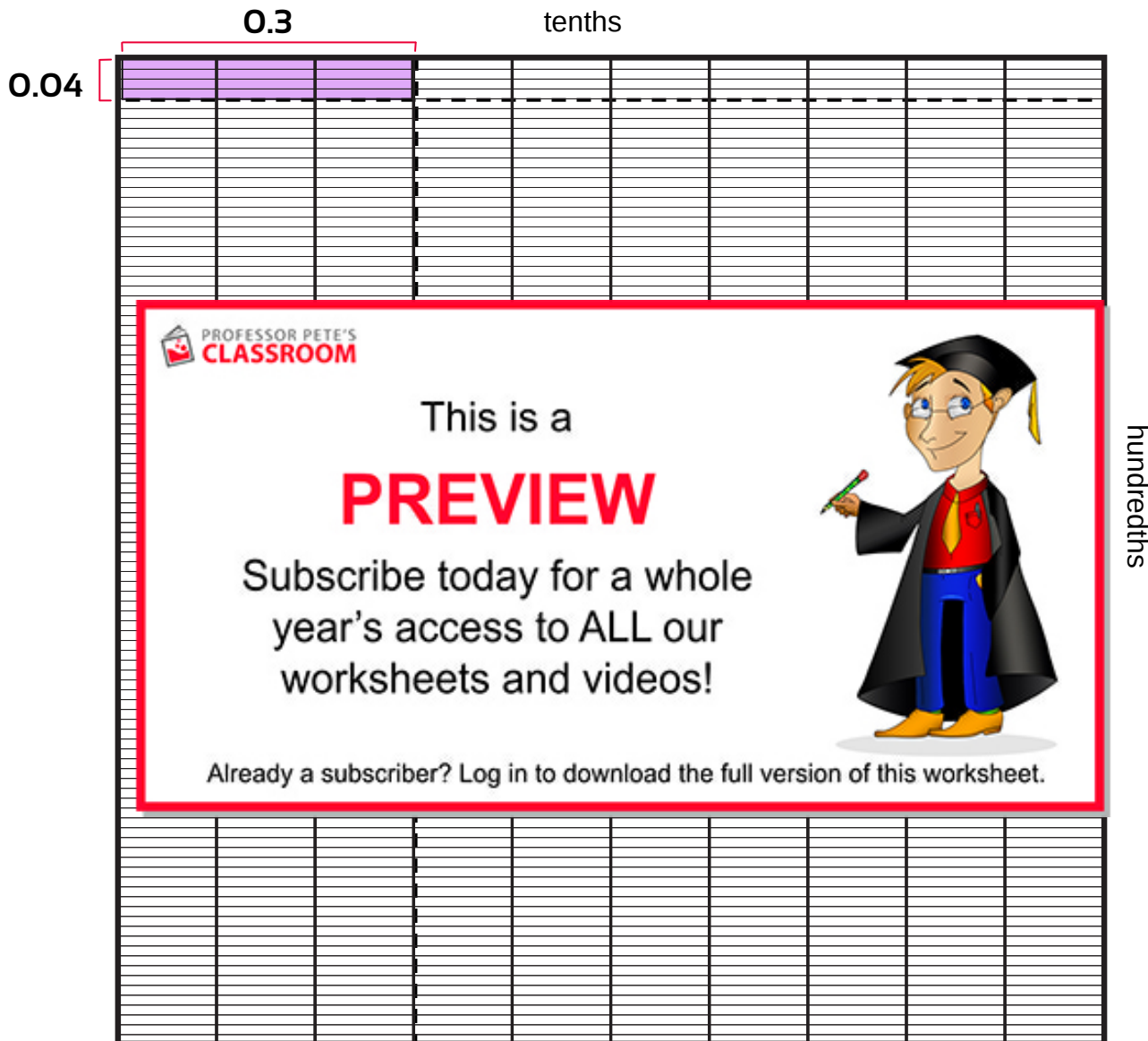


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Multiplying a Decimal by a Decimal: Tenths by Hundredths

In this example you are multiplying tenths by hundredths.
(each of the tiny rectangles are thousandths)

$0.3 \times 0.04 = \underline{0.012}$ How many thousandths are shaded? 12



So tenths by hundredths gives an answer in thousandths
(tenths, hundredths, thousandths)

Often an easy way to remember what place the answer is, is to count all the decimal places in both of the multipliers.

e.g. 0.3 (1 place) \times 0.04 (2 places) = 0.012 (3 places)

1 place + 2 places = 3 places in your answer

Write your answer as
a common fraction:

$$\frac{12}{1000}$$

Write your answer in words: twelve thousandths