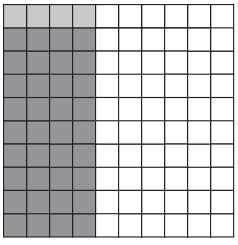
Name_____ **Lesson 7.4**

Finish the Sentence

Complete the multiplication sentence for each model.

1. $0.4 \times 0.9 = n$



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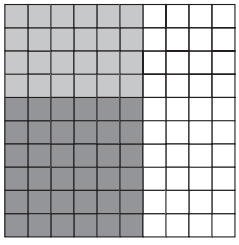
2. $n \times 0.6 = 0.36$



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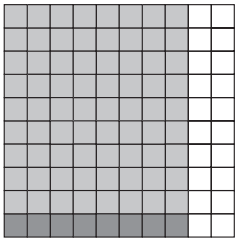
3. $0.8 \times n = 0.08$



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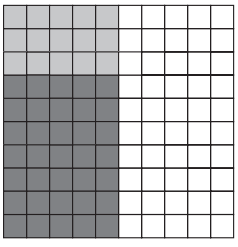
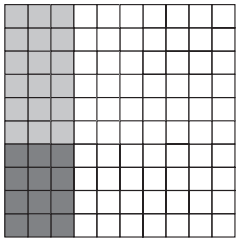
4. $0.5 \times n = 0.35$



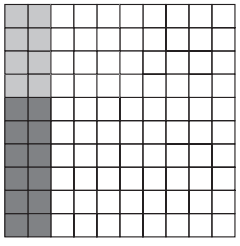
_____

5. $0.3 \times 0.4 = n$



_____

6. $0.2 \times n = 0.12$



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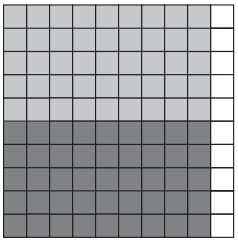
7. $0.9 \times n = 0.45$



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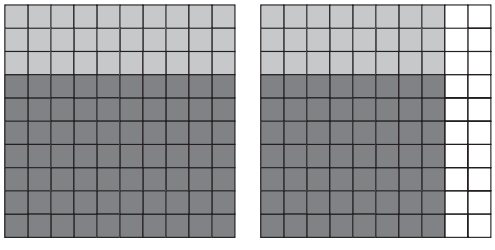
8. $n \times 0.7 = 1.26$

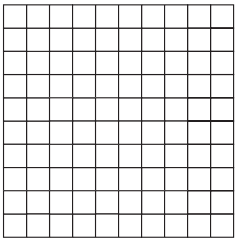


_____

Think About It!

9. Make your own multiplication sentence and model.

_____



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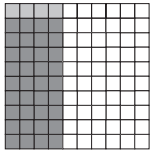
Name_____ **Lesson 7.4**

Finish the Sentence

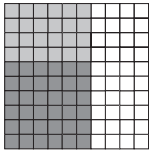
Complete the multiplication sentence for each model.

1. $0.4 \times 0.9 = n$



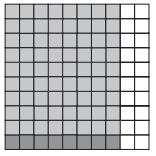
n = 0.36

2. $n \times 0.6 = 0.36$



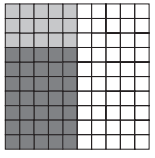
n = 0.6

3. $0.8 \times n = 0.08$



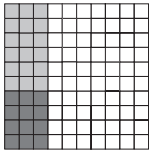
n = 0.1

4. $0.5 \times n = 0.35$



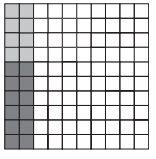
n = 0.7

5. $0.3 \times 0.4 = n$



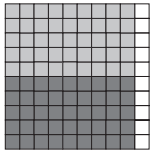
n = 0.12

6. $0.2 \times n = 0.12$



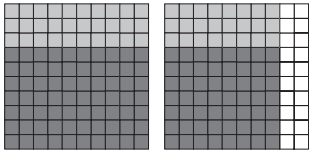
n = 0.6

7. $0.9 \times n = 0.45$



n = 0.5

8. $n \times 0.7 = 1.26$

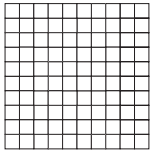


n = 1.8

Think About It!

9. Make your own multiplication sentence and model.

Check students' models.



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Name_____ **Lesson 7.5**

Check Reasonable Estimates

For each problem an estimate is given. Tell whether or not each estimate is reasonable. If it is not reasonable, explain why and give a better estimate.

1. 24.41×3.5
   $24 \times 4 = 96$
   Reasonable? Yes

2. 0.6×0.4
   $0.5 \times 0.5 = 1$
   Reasonable? No, 0.5 × 0.5 is 0.25, not 1. There is no need to estimate these numbers.

3. 4.156×52.7
   $5 \times 53 = 265$
   Reasonable? No, 4.156 should be rounded to 4. A better estimate would be 4 × 53 = 212.

4. 12.35×50.06
   $12 \times 50 = 600$
   Reasonable? Yes

Think About It!

10. Make your own multiplication problem using decimals. Write a reasonable estimate and an unreasonable estimate for answers. Explain why the unreasonable estimate is not accurate.

Check students' examples and explanations.

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