

Lesson 3-9 • Apply Day

Reinforce Understanding

3.9 • Part II

I can find and check equivalent ratios using multiplication and division.

Practice

Complete each exercise. Show the reasoning that supports your answer.

1. Complete a new equivalent ratio: $2:3 = \underline{\hspace{1cm}}:\underline{\hspace{1cm}}$. Use a scale factor of 2.

Complete each step, then write the final answer.

1. Multiply 2×2 : $\underline{\hspace{1cm}}$.
2. Multiply 3×2 : $\underline{\hspace{1cm}}$.
3. Write the equivalent ratio: $\underline{\hspace{1cm}}$.

Answer: $\underline{\hspace{2cm}}$

2. Complete a new equivalent ratio: $3:5 = \underline{\hspace{1cm}}:\underline{\hspace{1cm}}$. Use a scale factor of 3.

Complete each step, then write the final answer.

1. Multiply 3×3 : $\underline{\hspace{1cm}}$.
2. Multiply 5×3 : $\underline{\hspace{1cm}}$.
3. Write the equivalent ratio: $\underline{\hspace{1cm}}$.

Answer: $\underline{\hspace{2cm}}$

3. Complete a new equivalent ratio: $4:7 = \underline{\hspace{1cm}}:\underline{\hspace{1cm}}$. Use a scale factor of 4.

Complete each step, then write the final answer.

1. Multiply 4×4 : $\underline{\hspace{1cm}}$.
2. Multiply 7×4 : $\underline{\hspace{1cm}}$.
3. Write the equivalent ratio: $\underline{\hspace{1cm}}$.

Answer: $\underline{\hspace{2cm}}$