

5.4 Solving Proportions (continued)

WEDNESDAY

What Is Your Answer?

3. **IN YOUR OWN WORDS** How can you use ratio tables and cross products to solve proportions? Give an example.

4. **PUZZLE** Use each number once to form three proportions.

1	2	10	4	12	20
15	5	16	6	8	3

54

Practice
For use after Lesson 5.4

Use multiplication to solve the proportion.

1. $\frac{a}{40} = \frac{3}{10}$

2. $\frac{6}{11} = \frac{c}{77}$

3. $\frac{b}{65} = \frac{7}{13}$

Use the Cross Products Property to solve the proportion.

4. $\frac{k}{6} = \frac{8}{16}$

5. $\frac{5.4}{7} = \frac{27}{h}$

6. $\frac{8}{11} = \frac{4}{y+2}$

Write and solve a proportion to complete the statement.

7. 42 in. = _____ cm

8. 12.6 kg \approx _____ lb

9. 3 oz \approx _____ g

10. A cell phone company charges \$5 for 250 text messages. How much does the company charge for 300 text messages?