7 Grade Math IV L 1 Wayda

Name _____ Date _____ Class _____

LESSON 5-5

Practice C

Solving Proportions

Use cross products to solve each proportion.

1. $\frac{3}{7} = \frac{x}{49}$ _____

2. $\frac{4}{11} = \frac{z}{55}$ _____

3. $\frac{16}{9} = \frac{64}{a}$ _____

4. $\frac{13}{r} = \frac{1}{5}$ _____

5. $\frac{17}{41} = \frac{34}{f}$ _____

6. $\frac{k}{18} = \frac{11}{3}$ _____

7. $\frac{w}{39} = \frac{7}{13}$ _____

8. $\frac{7}{19} = \frac{t}{95}$ _____

9. $\frac{65}{j} = \frac{13}{17}$ _____

10. $\frac{15}{h} = \frac{5}{17}$ _____

11. $\frac{1.7}{3} = \frac{d}{21}$ _____

12. $\frac{5}{19} = \frac{35}{c}$ _____

13. $\frac{28}{9} = \frac{19.6}{m}$ _____

14. $\frac{e}{136} = \frac{13}{17}$ _____

15. $\frac{3.7}{3} = \frac{s}{21}$ _____

Arrange the four numbers to form a proportion that is true.

16. 40, 50, 80, 64 _____

17. 7, 9, 56, 72 _____

18. 50, 45, 15, 150 _____

19. A farmer can harvest 54 pounds of corn from each acre in his field. How much corn can he get from 12.5 acres?

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20. A recipe for lasagna calls for 3 pounds of tomatoes to serve 5 people. A caterer wants to make enough lasagna to serve 110 people. How many pounds of tomatoes does he need?

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