TEXAS @HomeTutor classzone.com Chapter Review Practice

EXERCISES

EXAMPLES 2 and 3 on pp. 163–164 for Exs. 38–44 Solve the proportion. Check your solution.

38. $\frac{56}{16} = \frac{x}{2}$	39. $\frac{y}{9} = \frac{25}{15}$	40. $\frac{2}{7} = \frac{m}{91}$
41. $\frac{5z}{3} = \frac{105}{6}$	42. $\frac{9}{4} = \frac{3a}{20}$	43. $\frac{c+2}{45} = \frac{8}{5}$

44. PAINTING The label on a can of paint states that one gallon of the paint will cover 560 square feet. How many gallons of that paint are needed to cover 1400 square feet?



EXAMPLES 1, 3, and 4 on pp. 168–170 for Exs. 45–52

- **45.** $\frac{5}{7} = \frac{20}{r}$ **46.** $\frac{6}{z} = \frac{12}{5}$ **47.** $\frac{126}{56} = \frac{9}{4b}$ **48.** $\frac{10}{3m} = \frac{-5}{6}$ **49.** $\frac{n+8}{5n-2} = \frac{3}{8}$ **50.** $\frac{5-c}{3} = \frac{2c+2}{-4}$
- **51. TYPING RATES** A student can type 65 words in 2 minutes. How many words can the student type in 20 minutes?
- **52. MAPS** A map has a scale of 1 cm : 12 km. The distance between two cities on the map is 6.8 centimeters. Estimate the actual distance between the cities.