

# PROPORTION PRACTICE

Name \_\_\_\_\_

$$10) \quad \frac{42}{12} = \frac{M}{15}$$

$$11) \quad \frac{24}{28} = \frac{18}{H}$$

$$12) \quad \frac{5}{7} = \frac{8}{G}$$

$$13) \quad \frac{45}{X} = \frac{18}{4}$$

$$14) \quad \frac{19}{20} = \frac{X}{100}$$

$$15) \quad \frac{37}{40} = \frac{T}{100}$$

Section 4: Read the word problem, set up a proportion, and solve.

- 16) Ralph walked to the store, a distance of 300 yards, in 5 minutes. How long would it take him to go a 1000 yards?
- 17) On a recent test, Bobby finished 5 questions in 8 minutes. How long would it take him to finish a 35 question test?
- 18) There are 140 calories in 1 can (12 oz.) of Coca-Cola. How many calories are in a 2-liter (64 oz.) bottle of Coca-Cola?
- 19) Danny paid \$2.40 in sales tax when he bought an item that cost 30.00. How much sales tax would be paid on an item that cost \$435.00? Round to the nearest cent.
- 20) Ronny rode his bicycle for 12 hours and covered a distance of 200 miles. At this speed how many hours would it take Ronny to ride from Thousand Oaks to San Francisco, a distance of 420 miles?
- 21) Mary can type 54 words in 1 minute. For English class, she has written her rough draft and edited it but now needs to type it into the computer. How long will it take her to type her 764 word essay?
- 22) Don hit 34 homeruns in 340 at bats. How many homeruns will Don hit if he continues at the same pace for the rest of the season? Don will finish the season with 540 at bats. Round to the nearest whole number.