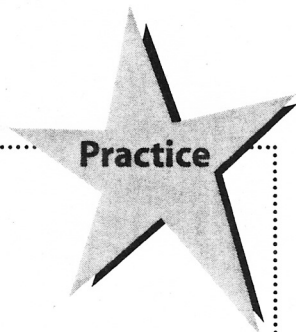


# Section 9

## Ratio, Proportion, and Percent

Name \_\_\_\_\_

HW # 1 - 15



Express each rate or comparison as a ratio in simplest fraction form.

1. 234 miles in 6 hours \_\_\_\_\_
2. 13 girls to 8 boys \_\_\_\_\_
3. 80 pages in 15 minutes \_\_\_\_\_

Complete. Use = or  $\neq$ .

4.  $15:10$    $9:6$
5.  $\frac{2}{7}$    $\frac{14}{49}$
6.  $\frac{18}{25}$    $\frac{6}{11}$
7.  $100:5$    $5:2$

Find each value of  $n$ .

8.  $\frac{6}{9} = \frac{n}{36}$  \_\_\_\_\_
9.  $\frac{n}{55} = \frac{3}{5}$  \_\_\_\_\_
10.  $\frac{8}{5} = \frac{48}{n}$  \_\_\_\_\_
11.  $\frac{n}{20} = \frac{27}{15}$  \_\_\_\_\_
12.  $\frac{8}{2.5} = \frac{n}{4}$  \_\_\_\_\_
13.  $\frac{16}{0.5} = \frac{n}{10}$  \_\_\_\_\_
14.  $\frac{n}{3} = \frac{18}{8}$  \_\_\_\_\_
15.  $\frac{12}{n} = \frac{27}{63}$  \_\_\_\_\_

Complete the table.

	Scale	Drawing	Actual
16.	0.5 in.:20 mi	3 in.	
17.	2 cm:5 m		17.5 m
18.	1 in.:23 ft	3.8 in.	
19.		7.5 cm	60 km

20. Steak is on sale this week for \$3.79 a pound. How much will a 12-ounce steak cost? \_\_\_\_\_
21. Which is the better buy, a box of 25 folders for \$8.75 or a box of 30 for \$11.15? \_\_\_\_\_