

LESSON

Proportional Relationships

4

Practice B: Proportions

Find the missing value in each proportion.

1. $\frac{24}{8} = \frac{n}{2}$

2. $\frac{4}{9} = \frac{20}{n}$

3. $\frac{n}{36} = \frac{5}{6}$

4. $\frac{n}{5} = \frac{4}{10}$

5. $\frac{3}{9} = \frac{2}{n}$

6. $\frac{6}{n} = \frac{3}{7}$

7. $\frac{5}{3} = \frac{n}{6}$

8. $\frac{9}{6} = \frac{6}{n}$

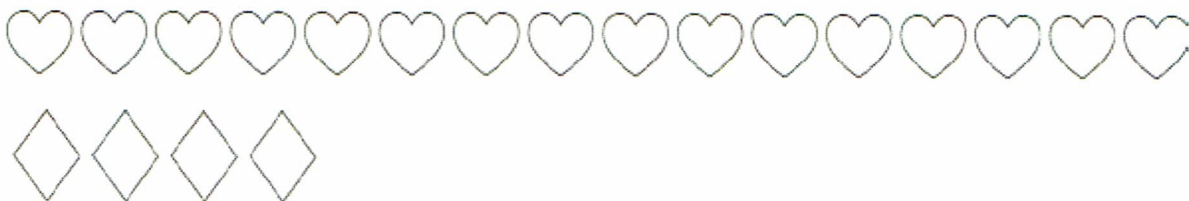
9. $\frac{2}{130} = \frac{1}{n}$

Write a proportion for each model.

10.



11.



12. Shane's neighbor pledged \$1.25 for every 0.5 miles that Shane swims in the charity swim-a-thon. If Shane swims 3 miles, how much money will his neighbor donate?

13. Barbara's goal is to practice piano 20 minutes for every 5 minutes of lessons she takes. If she takes a 20 minute piano lesson this week, how many minutes should she practice this week?