

2-7 Solve Proportions

Solve. If necessary, leave answers as reduced fractions or a decimal rounded to the nearest tenth.

1. $\frac{6}{x} = \frac{4}{14}$

2. $\frac{6}{9} = \frac{8}{g}$

3. $\frac{5}{8} = \frac{x+2}{24}$

4. $\frac{3n+5}{3} = \frac{n-1}{9}$

Write a proportion to represent the situation, and then solve it. Round to the nearest tenth.

5. Mr. Fuller ran the first 2 miles of a race in 11 minutes. If he is able to maintain the same pace, how long will it take him to finish all 6.2 miles?