

2-7 Solving Proportions

Notes & examples

1. $\frac{b}{6} = \frac{4}{5}$

2. $\frac{4}{3} = \frac{68}{x}$

3. $\frac{b-8}{5} = \frac{b+3}{4}$

4. $\frac{n}{5} = \frac{2n+4}{6}$

Write a proportion to represent the situation, and solve the proportion to answer the question:

5. A band went to a recording studio and recorded 4 songs in 3 hours. How long would it take the band to record 9 songs if they record at the same rate?