

Corrective Assignment 4.1

Solve each proportion.

1) $\frac{6}{3} = \frac{n}{4}$

2) $\frac{p}{7} = \frac{3}{5}$

3) $\frac{40}{10} = \frac{n}{7}$

4) $\frac{6}{10} = \frac{8x}{7}$

5) $\frac{3}{7} = \frac{m}{8}$

6) $\frac{7}{5} = \frac{k}{3}$

7) $\frac{7}{6} = \frac{x}{2}$

8) $\frac{r}{4} = \frac{39}{13}$

9) $\frac{b+6}{30} = \frac{2}{3}$

10) $-\frac{11}{2} = \frac{m-8}{4}$

11) $-\frac{6}{5} = \frac{-10+x}{25}$

Write the sentence as a proportion. Then, solve the proportion.

12) b is to 20 as 7 is to 4

13) 3 is to 5 as x is to 90

14) w is to 7 as 1 is to 1.

Corrective Assignment 4.1**Solve each proportion.**

1) $\frac{6}{3} = \frac{n}{4}$

{8}

2) $\frac{p}{7} = \frac{3}{5}$

{4.2}

3) $\frac{40}{10} = \frac{n}{7}$

{2.8}

4) $\frac{6}{10} = \frac{8x}{7}$

{0.52}

5) $\frac{3}{7} = \frac{m}{8}$

{3.42}

6) $\frac{7}{5} = \frac{k}{3}$

{4.2}

7) $\frac{7}{6} = \frac{x}{2}$

{2.33}

8) $\frac{r}{4} = \frac{39}{13}$

{12}

9) $\frac{b+6}{30} = \frac{2}{3}$

{14}

10) $-\frac{11}{2} = \frac{m-8}{4}$

{-14}

11) $-\frac{6}{5} = \frac{-10+x}{25}$

{-20}

Write the sentence as a proportion. Then, solve the proportion.

12) b is to 20 as 7 is to 4

 $\left\{\frac{27}{4}\right\}$

13) 3 is to 5 as x is to 90

{54}

14) w is to 7 as 1 is to 1.

{7}