

Class Time Examples

Date _____

Solve each proportion.

1) $\frac{v-11}{4} = \frac{v-7}{5}$

2) $\frac{b+6}{b+11} = \frac{5}{3}$

3) $-\frac{9}{m+9} = \frac{6}{m+3}$

4) $\frac{m+9}{m-5} = \frac{10}{3}$

5) $\frac{11}{a-1} = \frac{3}{a+6}$

6) $\frac{k+9}{12} = \frac{k+8}{2}$

7) $\frac{n+5}{6} = \frac{n-11}{2}$

8) $\frac{x-7}{12} = \frac{x-12}{4}$

Answers to Class Time Examples

1) $\{27\}$

2) $\left\{-\frac{37}{2}\right\}$

3) $\left\{-\frac{27}{5}\right\}$

4) $\{11\}$

5) $\left\{-\frac{69}{8}\right\}$

6) $\left\{-\frac{39}{5}\right\}$

7) $\{19\}$

8) $\left\{\frac{29}{2}\right\}$

