

Cross Multiplication Practice

Date _____ Period _____

Solve each proportion.

1) $\frac{7}{r} = \frac{4}{6} \left\{ \frac{21}{2} \right\}$

2) $\frac{6}{7} = \frac{8}{n} \left\{ \frac{28}{3} \right\}$

3) $\frac{8}{5} = \frac{v}{7} \left\{ \frac{56}{5} \right\}$

4) $\frac{7}{2} = \frac{x}{7} \left\{ \frac{49}{2} \right\}$

5) $\frac{n}{3} = \frac{6}{8} \left\{ \frac{9}{4} \right\}$

6) $\frac{5}{8} = \frac{m}{12} \left\{ \frac{15}{2} \right\}$

7) $\frac{x}{9} = -\frac{12}{10} \left\{ -\frac{54}{5} \right\}$

8) $\frac{6}{4} = -\frac{n}{5} \left\{ -\frac{15}{2} \right\}$

9) $\frac{8}{n} = \frac{10}{12} \left\{ \frac{48}{5} \right\}$

10) $\frac{11}{8} = \frac{3}{v} \left\{ \frac{24}{11} \right\}$

11) $-\frac{7}{4} = \frac{x}{3} \left\{ -\frac{21}{4} \right\}$

12) $\frac{11}{2x} = \frac{9}{2} \left\{ \frac{11}{9} \right\}$

13) $-\frac{8}{12} = \frac{5}{a} \left\{ -\frac{15}{2} \right\}$

14) $-\frac{11}{12} = \frac{2}{v} \left\{ -\frac{24}{11} \right\}$

15) $\frac{11}{4} = -\frac{m}{9} \left\{ -\frac{99}{4} \right\}$

16) $\frac{3}{x+1} = \frac{2}{x-7}$

 $\{23\}$

17) $\frac{p+5}{6} = \frac{p+11}{12}$

 $\{1\}$

18) $\frac{v-10}{v+2} = \frac{3}{10} \left\{ \frac{106}{7} \right\}$

19) $\frac{4}{9} = \frac{x-10}{x+3} \left\{ \frac{102}{5} \right\}$

20) $\frac{12}{6} = \frac{m-9}{m+6}$

 $\{-21\}$