

Cross Multiplication Practice

Date _____ Period _____

Solve each proportion.

1) $\frac{7}{r} = \frac{4}{6}$

2) $\frac{6}{7} = \frac{8}{n}$

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

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

5) $\frac{n}{3} = \frac{6}{8}$

6) $\frac{5}{8} = \frac{m}{12}$

7) $\frac{x}{9} = -\frac{12}{10}$

8) $\frac{6}{4} = -\frac{n}{5}$

9) $\frac{8}{n} = \frac{10}{12}$

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

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

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

13) $-\frac{8}{12} = \frac{5}{a}$

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

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

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

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

18) $\frac{v-10}{v+2} = \frac{3}{10}$

19) $\frac{4}{9} = \frac{x-10}{x+3}$

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