

How to solve Proportions (Practice first step)

Last Name: _____ **First Name:** _____ **Period:** _____

Don does not solve the proportion: just set up the cross multiplication

Problem	First step (set up the cross multiplication)
example $\frac{5}{10} = \frac{n}{6}$	$5 \times 6 = 10 \times n$
example $\frac{8}{n} = \frac{30}{36}$	$8 \times 36 = n \times 30$
1) $\frac{57}{18} = \frac{n}{6}$	
2) $\frac{20}{n} = \frac{6}{7}$	
3) $\frac{n}{32} = \frac{9}{6}$	
4) $\frac{7}{9} = \frac{n}{2}$	
5) $\frac{6}{n} = \frac{7}{78}$	
6) $\frac{9}{16} = \frac{n}{3}$	
7) $\frac{4}{n} = \frac{12}{7}$	
8) $\frac{7}{n} = \frac{15}{2}$	
9) $\frac{9}{n} = \frac{23}{4}$	

10) $\frac{7}{n} = \frac{8}{5}$	
11) $\frac{2}{8} = \frac{n}{3}$	
12) $\frac{12}{n} = \frac{6}{45}$	
13) $\frac{9}{n} = \frac{15}{17}$	
14) $\frac{34}{n} = \frac{3}{36}$	
15) $\frac{5}{n} = \frac{30}{15}$	