

Unit 19 Practice Problems

Find out if the following ratios are in proportion (equal) using cross multiplication.		
1) 3:5 and 6:10	2) $\frac{1}{3}$ and $\frac{3}{9}$	3) 2:5 and 9:20
Use cross multiplication to determine which fraction is larger.		
4) $\frac{4}{7}$ and $\frac{11}{17}$	5) $\frac{8}{9}$ and $\frac{9}{10}$	6) $\frac{1}{3}$ and $\frac{1}{4}$
Complete statements 7, 8, and 9 using either $>$, $<$, or $=$.		
7) $\frac{2}{3}$ _____ $\frac{3}{4}$	8) $\frac{11}{12}$ _____ $\frac{10}{11}$	9) $\frac{3}{5}$ _____ $\frac{9}{15}$

10) 6 of 8 boys and 9 of 12 girls passed a recent math test. Are these ratios in proportion?	11) A survey found that 7 out of 10 students have a library card. For honor students, the ratio was 27 to 30. Does one group have a higher ratio than the other?
--	--

Unit 19 answers are on page 238.

Unit 19 additional practice problems are on page 174.