

Equivalent Ratios

11/14

$4:7 = \frac{4}{7}$ ○○○○
 $4 \div 7 = \frac{4}{7}$ ○○○○ PART:WHOLE

~~4:7~~ $\frac{4}{3}$ ○○○○
PART:PART

$\frac{4}{3} = 4 \div 3$ $\frac{3}{4} = 3:4 = 3 \div 4$

$\frac{4}{7} \cdot 2 = \frac{8}{14} = \frac{12}{21} = \frac{40}{70}$

• Fractions can be parts of Ratios.

$\frac{8 \div 8}{24 \div 8} = \frac{1}{3}$

$\frac{\frac{2}{3} \div 3}{9 \div 3} = \frac{\frac{2}{3} \cdot \frac{1}{3}}{3} = \frac{\frac{2}{9} \div 3}{1} = \frac{2 \cdot \frac{1}{3}}{1} = \frac{2}{3}$