

7-2 Properties of Proportions

1. $\frac{a}{b} = \frac{c}{d}$ is equivalent to:

a. $ad = bc$ (Means-Extremes Property)

b. $\frac{a}{c} = \frac{b}{d}$

c. $\frac{b}{a} = \frac{d}{c}$

d. $\frac{a+b}{b} = \frac{c+d}{d}$

2. If $\frac{a}{b} = \frac{c}{d} = \frac{e}{f} = \dots$, then $\frac{a+c+e+\dots}{b+d+f+\dots} = \frac{a}{b} = \dots$