

This would be the correct answer for a *direct* proportion. However, the numbers need to satisfy  $y = \frac{k}{x}$ , an inverse variation equation. For the given prism,  $36 = \frac{k}{6}$ , so  $k = 216$ . Substitute 96 and 16.

$96 = \frac{k}{16}$  does not yield  $k = 216$ , so this is not an inverse relationship. The correct answer is 54 and 4.