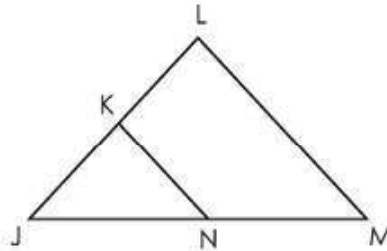


### Sample Response: 1 point

A triangle JLM and line segment KN are given.



A proof of  $\frac{JK}{JL} = \frac{JN}{JM}$  is shown.

Statements	Reasons
$\triangle JLM$	Given
?	Given
$\angle JNK = \angle JML$ $\angle JKN = \angle JLM$	Corresponding angles are congruent.
$\triangle JKN \sim \triangle JLM$	Angle-angle similar triangle postulate
$\frac{JK}{JL} = \frac{JN}{JM}$	Corresponding parts of similar triangles are proportional.

Which statement must be added to the given to keep this proof valid?

- (A)  $JL \perp LM$
- (B)  $KN \perp LM$
- (C)  $JL \parallel LM$
- (D)  $KN \parallel LM$