

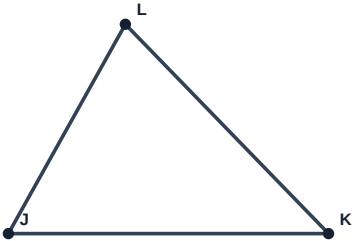
Construct Triangle Medians

Construct the midpoint of the named opposite side, then join it to the named vertex.

Compass and straightedge workspace

1.

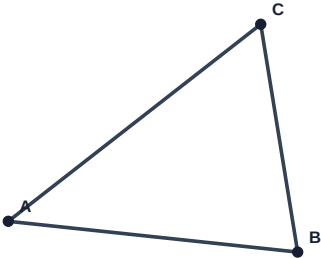
In triangle JKL, construct the median from L to side JK.



WORKSPACE

2.

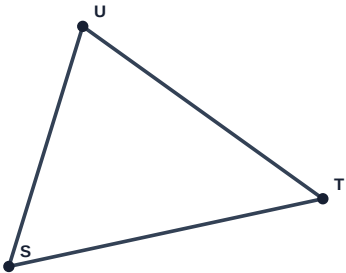
In triangle ABC, construct the median from C to side AB.



WORKSPACE

3.

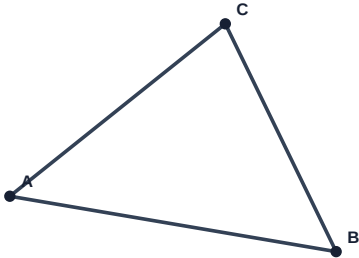
In triangle STU, construct the median from U to side ST.



WORKSPACE

4.

In triangle ABC, construct the median from C to side AB.



WORKSPACE

Construct Triangle Medians

Construction Answer Key

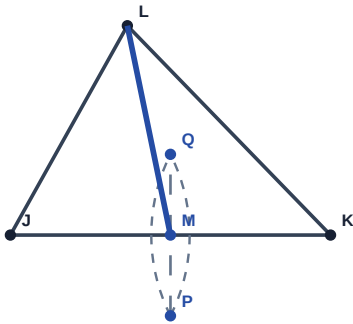
Construct the midpoint of the named opposite side, then join it to the named vertex.

Solutions and compass marks

1.

In triangle JKL, construct the median from L to side JK.

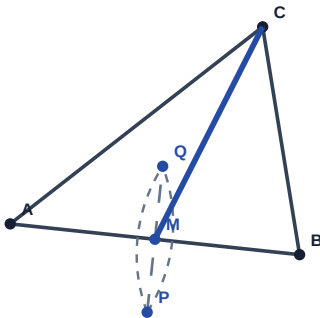
1. From J and K, draw equal-radius arcs above and below side JK.
2. Join intersections P and Q; label where this bisector crosses JK as M.
3. Draw segment LM. It is the median because M is the midpoint of JK.



2.

In triangle ABC, construct the median from C to side AB.

1. From A and B, draw equal-radius arcs above and below side AB.
2. Join intersections P and Q; label where this bisector crosses AB as M.
3. Draw segment CM. It is the median because M is the midpoint of AB.



Construct Triangle Medians

Construction Answer Key

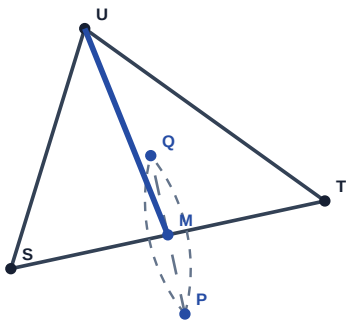
Construct the midpoint of the named opposite side, then join it to the named vertex.

Solutions and compass marks

3.

In triangle STU, construct the median from U to side ST.

1. From S and T, draw equal-radius arcs above and below side ST.
2. Join intersections P and Q; label where this bisector crosses ST as M.
3. Draw segment UM. It is the median because M is the midpoint of ST.



4.

In triangle ABC, construct the median from C to side AB.

1. From A and B, draw equal-radius arcs above and below side AB.
2. Join intersections P and Q; label where this bisector crosses AB as M.
3. Draw segment CM. It is the median because M is the midpoint of AB.

