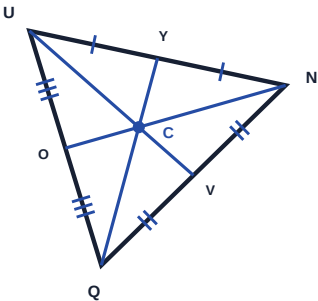


Triangle Medians

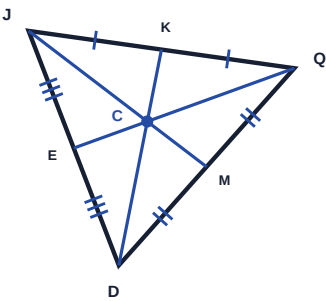
Use midpoint halves and the centroid's 2:1 ratio to find each missing segment.

1. UN = 34. Find UY.



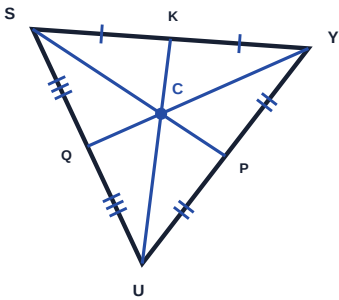
UY = _____

2. JK = 16. Find JQ.



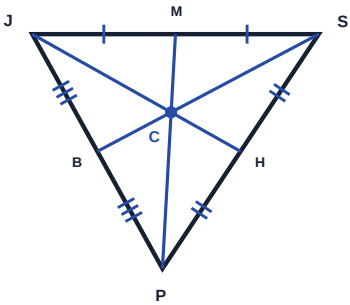
JQ = _____

3. UK = 27. Find UC.



UC = _____

4. CM = 11. Find PM.

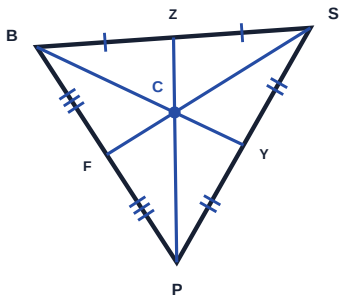


PM = _____

Triangle Medians

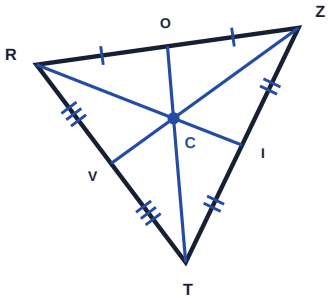
Use midpoint halves and the centroid's 2:1 ratio to find each missing segment.

5. $PZ = 12$. Find CZ .



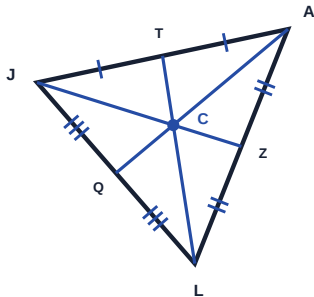
$CZ =$ _____

6. $RZ = 30$. Find RO .



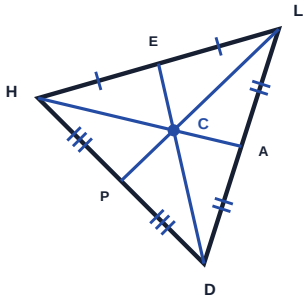
$RO =$ _____

7. $JT = 20$. Find JA .



$JA =$ _____

8. $DE = 24$. Find DC .

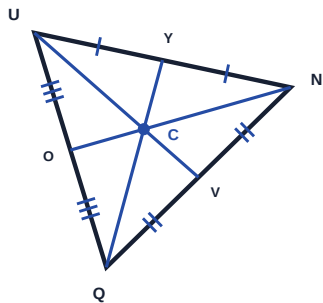


$DC =$ _____

Triangle Medians
Worked Answer Key

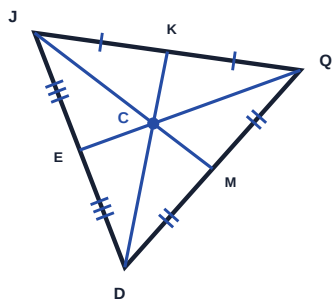
Use midpoint halves and the centroid's 2:1 ratio to find each missing segment.

1. $UN = 34$. Find UY .



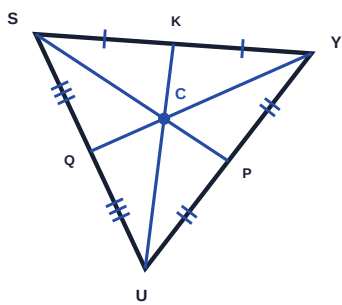
A midpoint divides a side into two equal halves.
 $UN = 34$, so $UY = 17$.
Answer: 17

2. $JK = 16$. Find JQ .



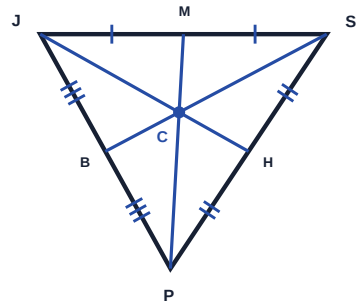
A midpoint divides a side into two equal halves.
 $JK = 16$, so $JQ = 32$.
Answer: 32

3. $UK = 27$. Find UC .



The centroid divides each median 2:1 from the vertex.
 $UK = 27$, so $UC = 18$.
Answer: 18

4. $CM = 11$. Find PM .

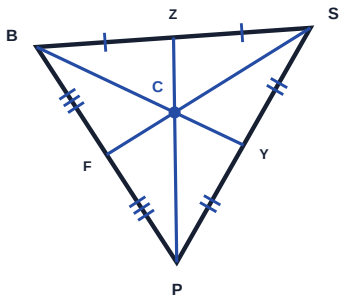


The centroid divides each median 2:1 from the vertex.
 $CM = 11$, so $PM = 33$.
Answer: 33

Triangle Medians
Worked Answer Key

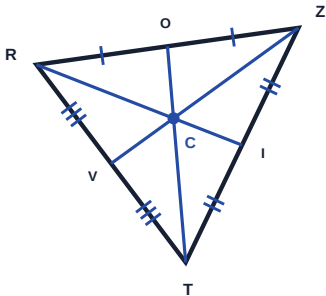
Use midpoint halves and the centroid's 2:1 ratio to find each missing segment.

5. $PZ = 12$. Find CZ .



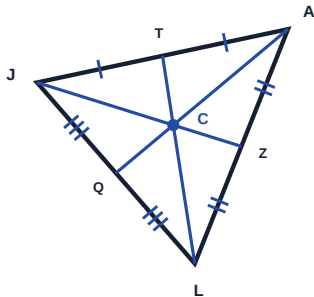
The centroid divides each median 2:1 from the vertex.
 $PZ = 12$, so $CZ = 4$.
Answer: 4

6. $RZ = 30$. Find RO .



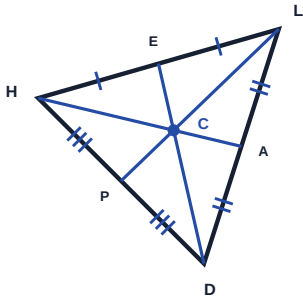
A midpoint divides a side into two equal halves.
 $RZ = 30$, so $RO = 15$.
Answer: 15

7. $JT = 20$. Find JA .



A midpoint divides a side into two equal halves.
 $JT = 20$, so $JA = 40$.
Answer: 40

8. $DE = 24$. Find DC .



The centroid divides each median 2:1 from the vertex.
 $DE = 24$, so $DC = 16$.
Answer: 16