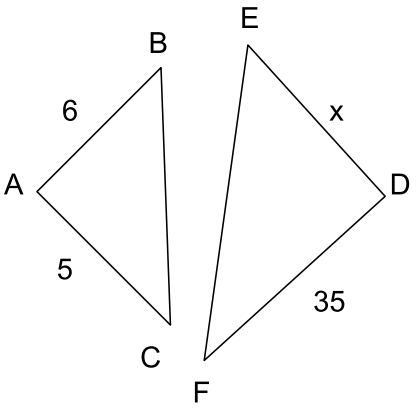
1. **△BAC ~ △EDF**

Solve for x.

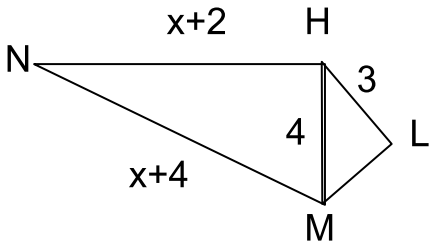


What is the ratio of the sides from △BAC to △EDF?

What is the ratio of the sides from △EDF to △BAC?

2. **△NHM ~ △HLM**

Solve for x.

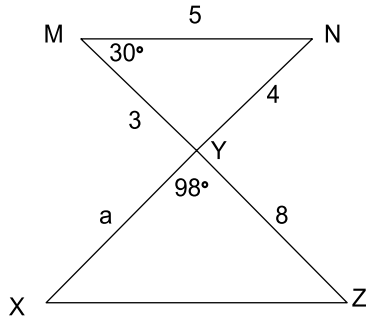


What is the length of segment MN?

What is the perimeter of △NHM?

What is the perimeter of △MLH?

3. △XYZ ~ △NYM



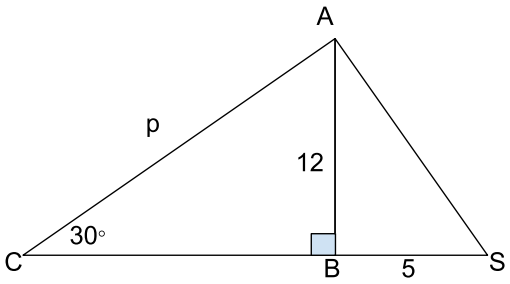
What is m∠N?

What is the length of segment XZ?

What is the length of segment NX?

What is the ratio area from △NYM to △XYZ?

4. △SBA ~ △ABC



Find the length of segment SA.

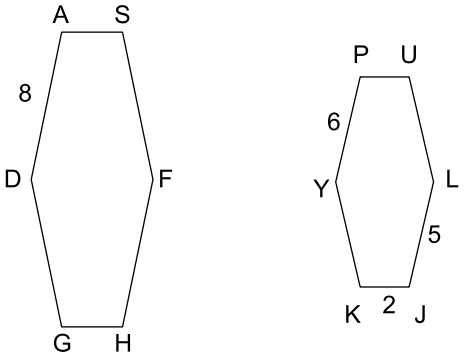
What is the measure of ∠BAC?

What is the measure of ∠S?

Solve for p.

5. ASFHGD ~ JKYPUL

Describe the composition transformation necessary to map ASFHGD onto JKYPUL.



Find the measure of segment AS.

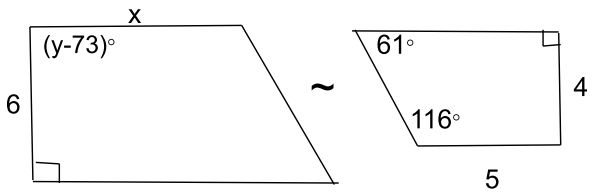
6. No diagram provided.

Given: △TAP~△BED with TA = 18, TP = 5, and BD = 6, find the length of segment BE.

Given m∠ATP = 25° and m∠BED = 40°, find m∠TPA.

7. The figures below are similar. You may assume corresponding parts based on appearances.

Solve for x.



Solve for y.