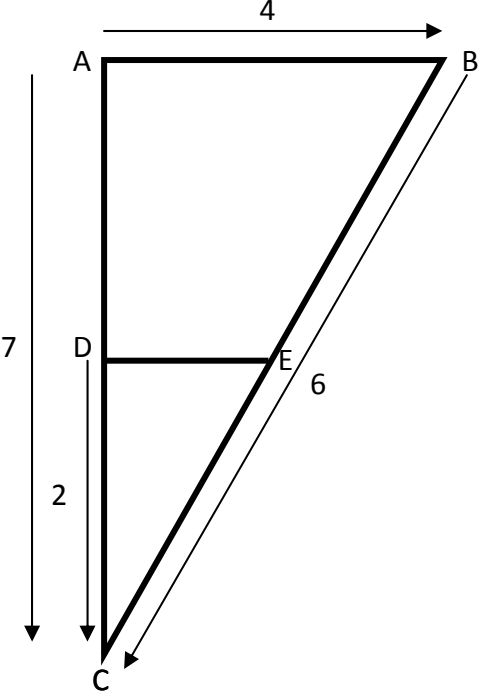
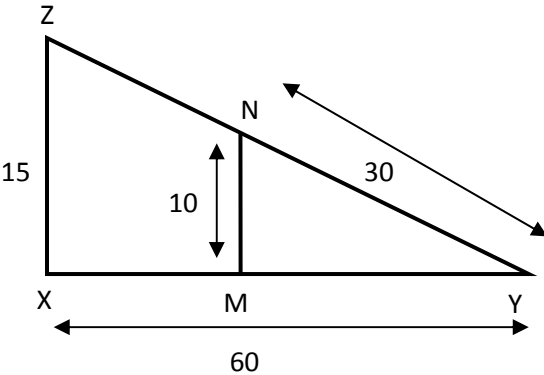


Name: _____

Date _____

Topic : Identify Similar Triangles with Proofs- Worksheet 1

Identify Similar Triangles with Proofs.

	<p>Given: $AB \parallel DE$</p> <p>Prove: $\triangle ABC \sim \triangle DEH$</p> <ol style="list-style-type: none">1. Find AD2. Find EC3. Find EB4. Find the ratio $m\angle CAB/m\angle CDE$5. Find the ratio $m\angle CBA/m\angle CED$
	<ol style="list-style-type: none">6. Find MY7. Find ZN8. Find XM9. Find the ratio $m\angle YZX/m\angle YNM$10. Find the ratio $m\angle ZXY/m\angle NMY$

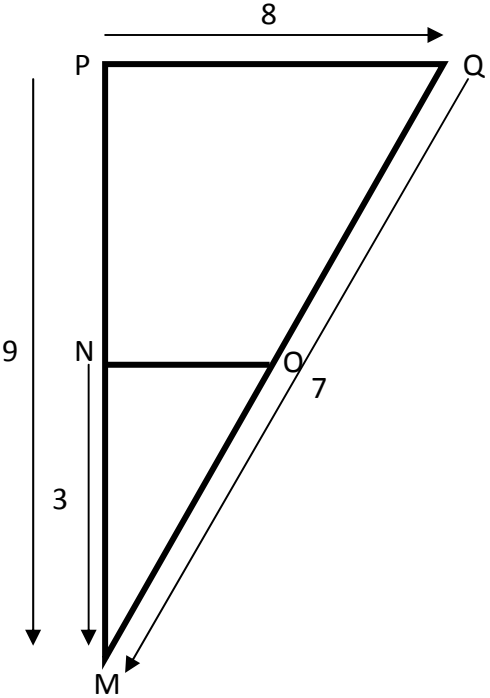
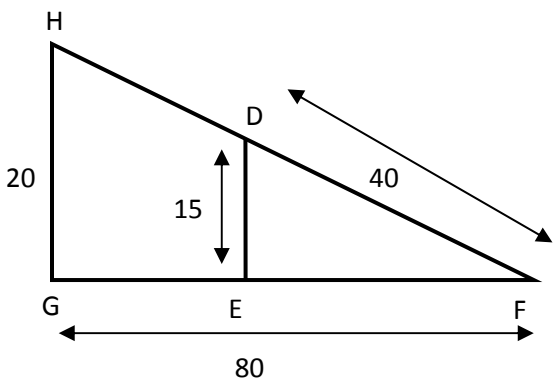


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Topic : Identify Similar Triangles with Proofs- Worksheet 2

Identify Similar Triangles with Proofs.

	<p>Given: $PQ \parallel NO$</p> <p>Prove: $\triangle PQM \sim \triangle MNO$</p> <ol style="list-style-type: none">1. Find NP2. Find OM3. Find OQ4. Find the ratio $m\angle MPQ/m\angle MNO$5. Find the ratio $m\angle MQP/m\angle MON$
	<ol style="list-style-type: none">6. Find EF7. Find HD8. Find GE9. Find the ratio $m\angle FGH/m\angle FED$10. Find the ratio $m\angle FHG/m\angle FDE$

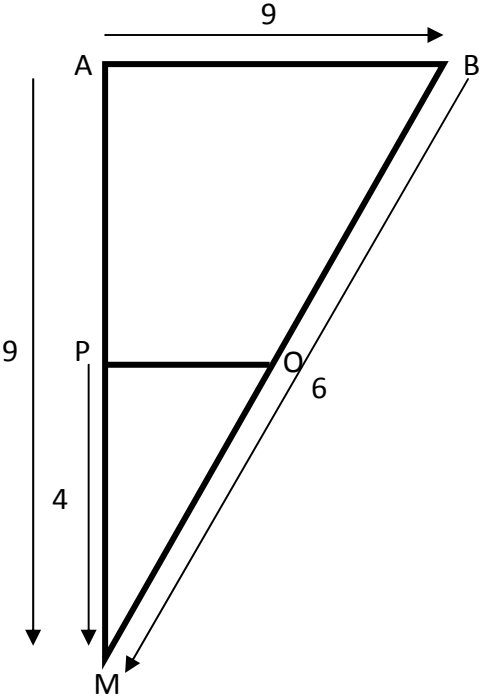


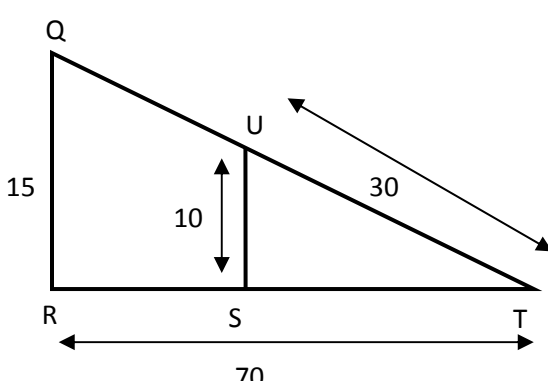
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Date _____

Topic : Identify Similar Triangles with Proofs- Worksheet 3

Identify Similar Triangles with Proofs.

	<p>Given: $AB \parallel PO$</p> <p>Prove: $\triangle ABM \sim \triangle POM$</p> <ol style="list-style-type: none">1. Find PA2. Find OM3. Find BO4. Find the ratio $m\angle MAB/m\angle MPO$5. Find the ratio $m\angle MBA/m\angle MOP$
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	<ol style="list-style-type: none">6. Find ST7. Find QU8. Find RS9. Find the ratio $m\angle TRQ/m\angle TSU$10. Find the ratio $m\angle TQR/m\angle TUS$
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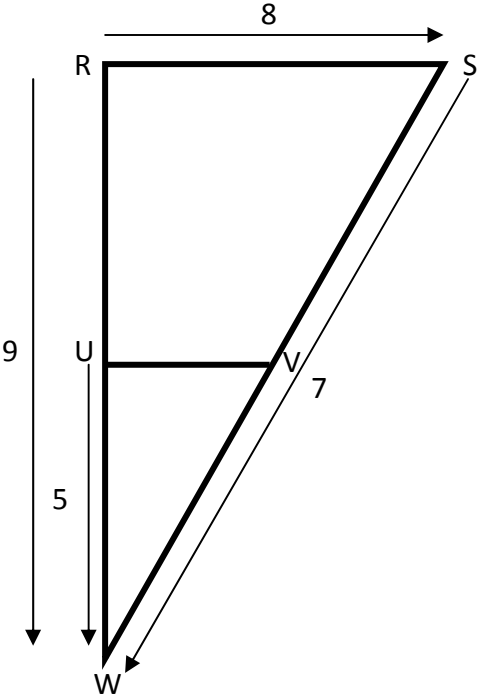


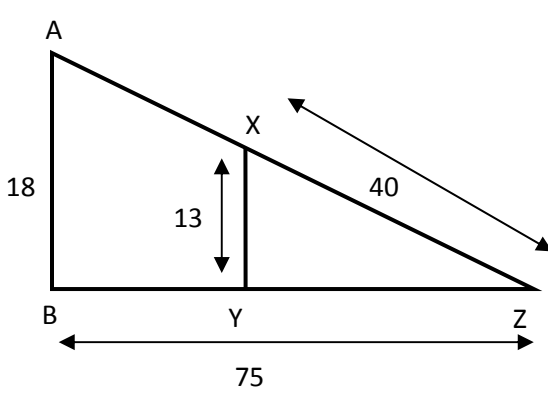
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Topic : Identify Similar Triangles with Proofs- Worksheet 4

Identify Similar Triangles with Proofs.

	<p>Given: $RS \parallel UV$</p> <p>Prove: $\triangle RSW \sim \triangle UVW$</p> <ol style="list-style-type: none">1. Find RU2. Find VW3. Find SV4. Find the ratio $m\angle WRS/m\angle WUV$5. Find the ratio $m\angle WSR/m\angle WVU$
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	<ol style="list-style-type: none">6. Find YZ7. Find AX8. Find BY9. Find the ratio $m\angle ZBA/m\angle ZYX$10. Find the ratio $m\angle ZAB/m\angle ZXY$
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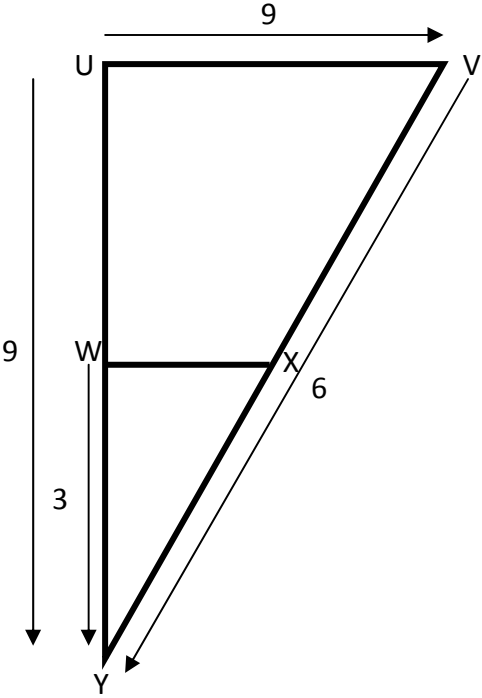
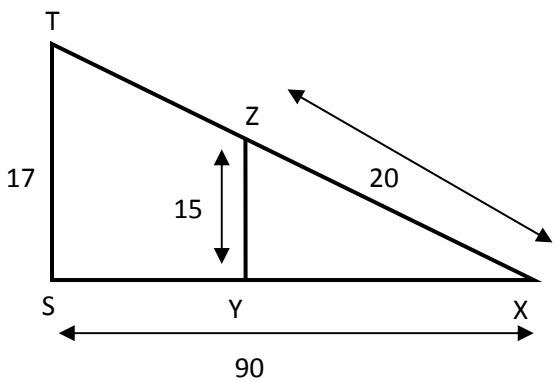


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Topic : Identify Similar Triangles with Proofs- Worksheet 5

Identify Similar Triangles with Proofs.

	<p>Given: $UV \parallel WX$</p> <p>Prove: $\triangle UVY \sim \triangle WXY$</p> <ol style="list-style-type: none">1. Find UW2. Find XY3. Find VX4. Find the ratio $m\angle YUV/m\angle YWX$5. Find the ratio $m\angle YVU/m\angle YXW$
	<ol style="list-style-type: none">6. Find YX7. Find TZ8. Find SY9. Find the ratio $m\angle XST/m\angle XYZ$10. Find the ratio $m\angle XTS/m\angle XZY$

