

Using Similar Polygons

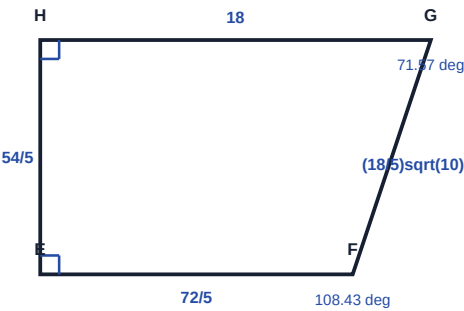
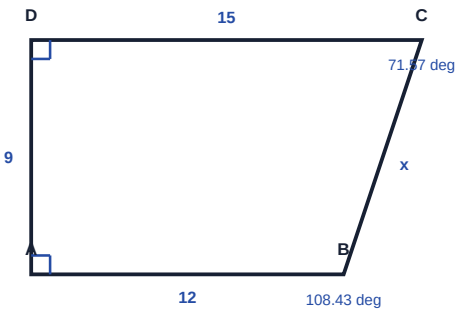
Use corresponding sides in the printed left-to-right direction to find x.

1. The polygons are similar with the printed correspondence. Find x. The left:right ratio is 2:5.



Correspondence: A<->E, B<->F, C<->G, D<->H
Left : right = 2:5

2. The polygons are similar with the printed correspondence. Find x. Infer the left:right ratio from a known corresponding pair.

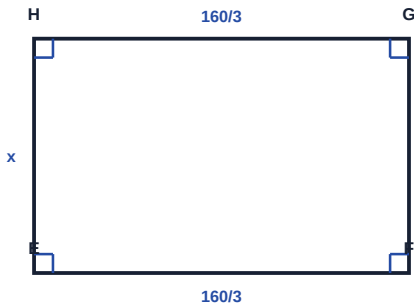


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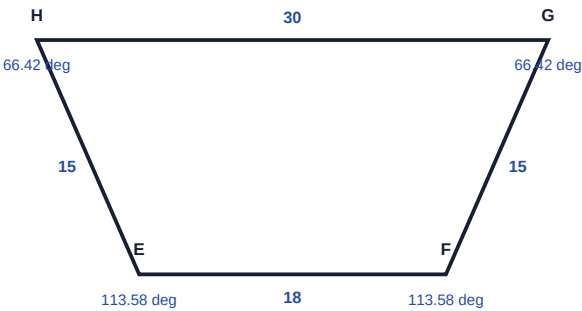
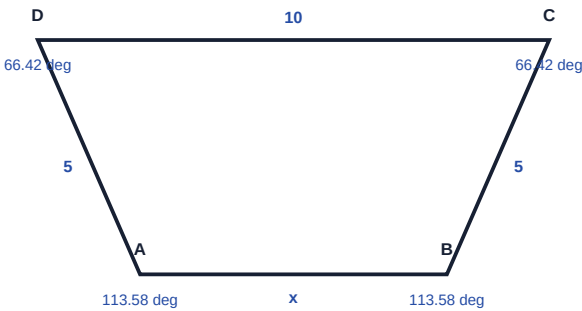
Use corresponding sides in the printed left-to-right direction to find x.

3. The polygons are similar with the printed correspondence. Find x. The left:right ratio is 3:5.



Correspondence: A<->E, B<->F, C<->G, D<->H
Left : right = 3:5

4. The polygons are similar with the printed correspondence. Find x. Infer the left:right ratio from a known corresponding pair.

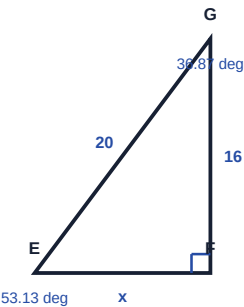
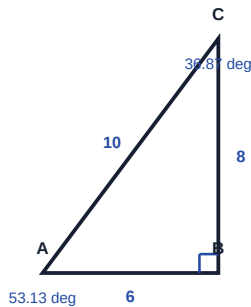


Correspondence: A<->E, B<->F, C<->G, D<->H

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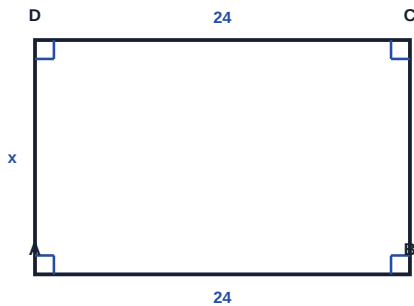
Use corresponding sides in the printed left-to-right direction to find x.

5. The polygons are similar with the printed correspondence. Find x. The left:right ratio is 1:2.



Correspondence: A<->E, B<->F, C<->G
Left : right = 1:2

6. The polygons are similar with the printed correspondence. Find x. Infer the left:right ratio from a known corresponding pair.

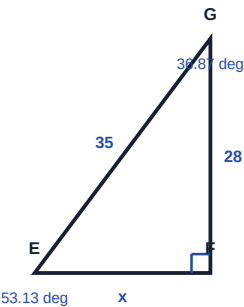
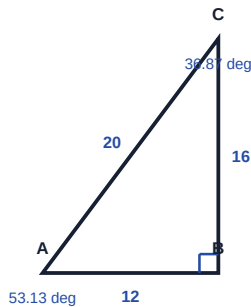


Correspondence: A<->E, B<->F, C<->G, D<->H

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Use corresponding sides in the printed left-to-right direction to find x.

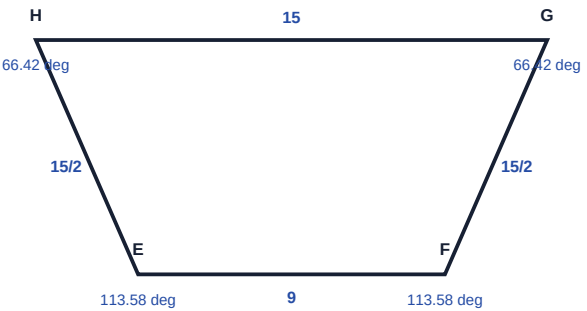
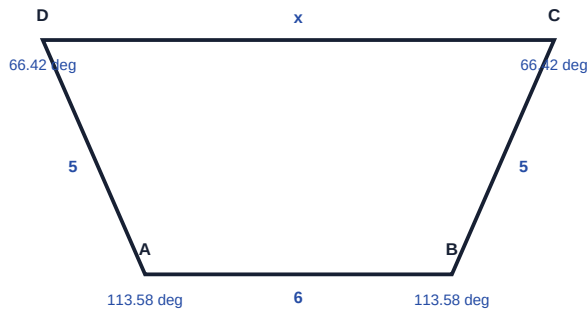
7. The polygons are similar with the printed correspondence. Find x. The left:right ratio is 4:7.



Correspondence: A<->E, B<->F, C<->G

Left : right = 4:7

8. The polygons are similar with the printed correspondence. Find x. Infer the left:right ratio from a known corresponding pair.



Correspondence: A<->E, B<->F, C<->G, D<->H
