

CENTERS OF TRIANGLES MAZE: Circumcenter

Directions: Refer to the three triangle diagrams below for each question. Round to the nearest tenth when necessary. Use your solutions to navigate through the maze. **Staple all work to this paper!**

Start!

Find TC in diagram 1.	24	Find CK in diagram 3.	9.2	Find RT in diagram 1.	13.6	Find CM in diagram 3.
27	25	8.9	42	48	24.6	23.8
Find AB in diagram 2.	39	Find JL in diagram 3.	37	End!	22.9	Find CG in diagram 2.
37	38	36	12.9	14.1	13.2	32
Solve for x in diagram 2.	10.2	Find CV in diagram 1.	9.8	Find QC in diagram 1.	13.6	Find LH in diagram 3.
9	7	9.5	62	23	72	70
Find FC in diagram 2.	38.4	Find FB in diagram 2.	21	Find CL in diagram 3.	68	Find FD in diagram 2.
39.6	8	6.8	18.3	17.4	65	23
Solve for x in diagram 3.	5	Find CS in diagram 1.	7	Find NH in diagram 3.	17.9	Find PV in diagram 1.

In each triangle below, C is the CIRCUMCENTER of the triangle.

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CENTERS OF TRIANGLES MAZE: Incenter

Directions: Refer to the three triangle diagrams below for each question. Round to the nearest tenth when necessary. Use your solutions to navigate through the maze. **Staple all work to this paper!**

Find $m\angle QRP$ in diagram 3.	38°	Find $m\angle RPC$ in diagram 3.	48°	Find EC in diagram 1.	18.4	Find JC in diagram 2.
86°	36°	47°	9	11	10.2	17
Find $m\angle HKM$ in diagram 2.	84°	Find $m\angle CHN$ in diagram 2.	21°	Find SC in diagram 3.	11.5	Find DA in diagram 1.
34.3	33.8	27.6	23°	11.2	27.5	27.9
Find DB in diagram 1.	33.1	Find BG in diagram 1.	28	Find $m\angle LCM$ in diagram 2.	59°	Find TR in diagram 3.
8	30.8	29	64°	62°	32	31.5
Solve for x in diagram 3.	6	Find QC in diagram 3.	28.4	End!	30.9	Find BC in diagram 1.
21.2	21.8	52.7	38.2	37.5	29.4	30.1
Find FA in diagram 1.	53.3	Find KM in diagram 2.	38.9	Find CM in diagram 2.	27.1	Find QT in diagram 3.

In each triangle below, C is the INCENTER of the triangle.

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CENTERS OF TRIANGLES MAZE: Centroid

Directions: Refer to the three triangle diagrams below for each question. Round to the nearest tenth when necessary. Use your solutions to navigate through the maze. **Staple all work to this paper!**

End!

Find EF in diagram 2.	8	Find AC in diagram 2.	14	Find CA in diagram 1.
48	34	36	26	27
Find LJ in diagram 3.	51	Find CJ in diagram 3.	11.5	Find CK in diagram 3.
30	32	12	8.8	9.7
Find RT in diagram 1.	28	Find DC in diagram 2.	10	Find SC in diagram 1.
27.5	12	14	8	6.4
Find BF in diagram 2.	28.5	Solve for x in diagram 3.	7.2	Find CM in diagram 3.
12	13	18.7	48	6.8
Find WX in diagram 1.	19.4	Find HC in diagram 3.	46	Find AF in diagram 2.
11	2.8	3.1	14	13.6

In each triangle below, C is the CENTROID of the triangle.

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CENTERS OF TRIANGLES MAZE: Incenter

Directions: Refer to the three triangle diagrams below for each question. Round to the nearest tenth when necessary. Use your solutions to navigate through the maze. **Staple all work to this paper!**

Start!

Find PR in diagram 2.	22.4	Find ZR in diagram 4.	16	Solve for x in diagram 5.
9.4	23.2	18	13	15
Find GD in diagram 1.	9.1	Find ZX in diagram 4.	42	Find SR in diagram 2.
8.9	38	24.5	36	38
Find VR in diagram 2.	37.6	Find AE in diagram 1.	23.9	Find CF in diagram 5.
38.9	38.1	23.1	42	45
Find IZ in diagram 4.	19	Find CE in diagram 5.	58	Find AC in diagram 1.
17	68	60	62	25.4
Find $m\angle EDG$ in diagram 3.	116°	End!	42.1	Find WV in diagram 4.
39°	113°	48	42.7	43.2
Find $m\angle EGK$ in diagram 3.	37°	Find YR in diagram 4.	15.8	Find PD in diagram 5.
46°	52°	21	13.2	15.5
Find $m\angle EJG$ in diagram 3.	48°	Find HP in diagram 5.	14.3	Find QV in diagram 2.
11	2.8	3.1	14	13.6
Find VW in diagram 2.	2.5	Find BG in diagram 1.	28	Find CP in diagram 5.

In each triangle below, C is the CENTROID of the triangle.

1

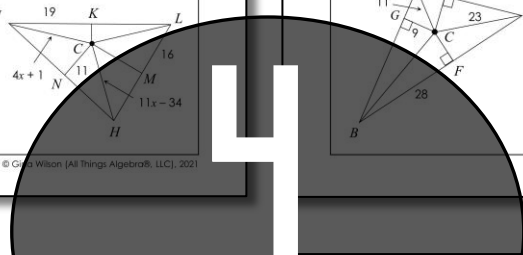
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