Good morning: check hw answers, have questions ready

1) 39.4
2) 60.2
~~3) 109°~~
~~4) 60°~~
5) 120°
6) 50°
7) 75°
8) 39°
9) 66°
10) 50°

will need a compass and a device today

Retakes available in DS
next test: Thursday

Visibly random grouping

Let's talk EOC!

Apr 18

Apr 26

Subpart 1 (No Calculator)	Subpart 2 (Calculator)	Subpart 3 (Calculator)
• 35 Minutes • 13–18 Items	• 50 Minutes • 11–25 Items	• 60 Minutes • 11–20 Items

Assessment	Congruence	Triangles and Circles	Geometric Proofs and Solving Design Problems	Two and Three Dimensional Geometry
Geometry	24-26%	36-38%	11-16%	16-20%

transf.

1A Calendar

Thu 11: test, start review

Mon 15: more review
Tue 16: no class, English testing
Thu 18: EOC Part 1, continue review

Mon 4/22
B day

Mon 22: B-day, we will not meet
Tue 23: review, formula quiz !
Thu 25: last day of review

Mon 4/29
A day

2A Calendar

Thu 11: test, start review

Mon 15: more review
Tue 16: continue review
Thu 18: EOC Part 1 (we will not have class)

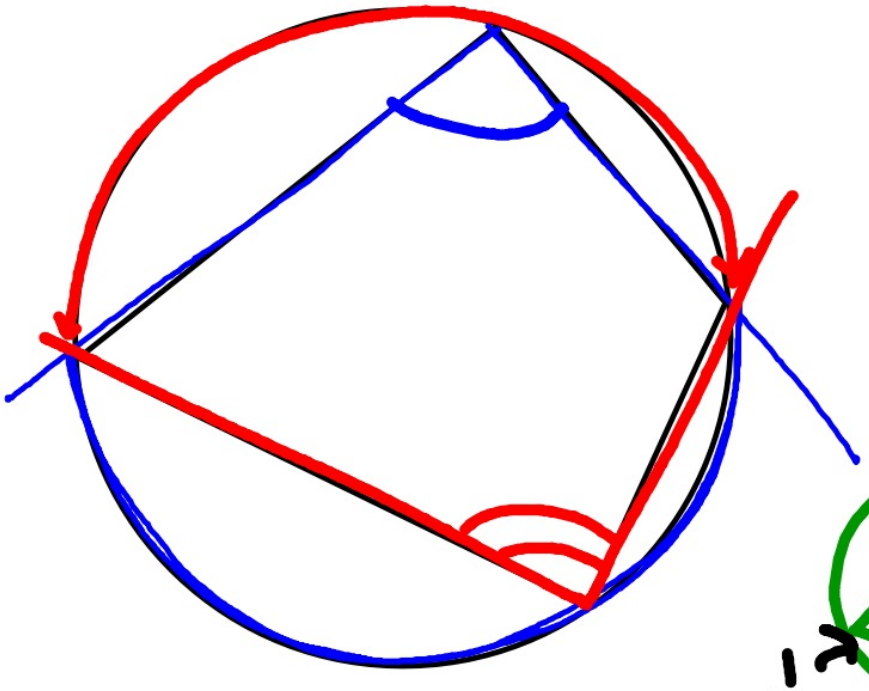
Mon 22: B-day, we will not meet
Tue 23: review, formula quiz
Thu 25: last day of review

Last few circle topics

Cyclic Quadrilaterals

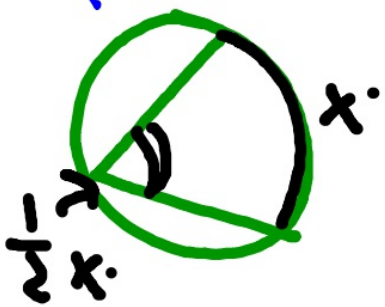
quadrilateral is inscribed

Circle is circumscribing

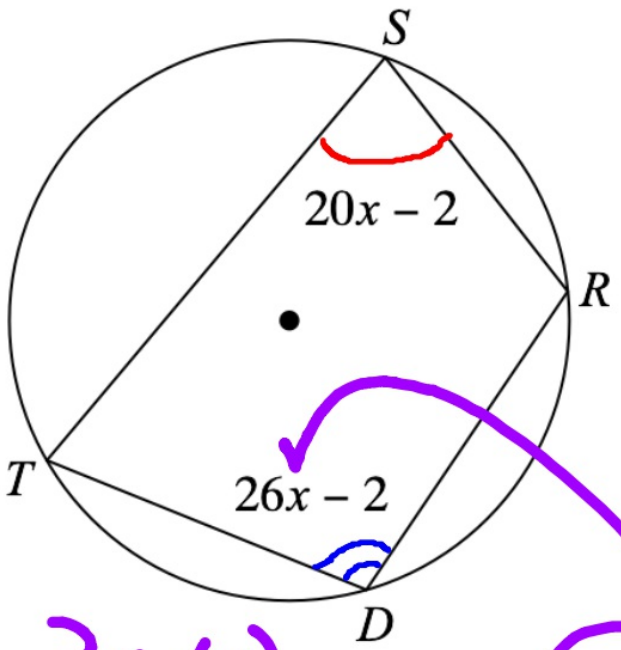


$\overset{\frown}{\quad} + \overset{\frown}{\quad} = 360^\circ$

$\angle + \angle = 180^\circ$



Find $m\angle TDR$



$20x-2+26x-2=180$

$46x-4=180$

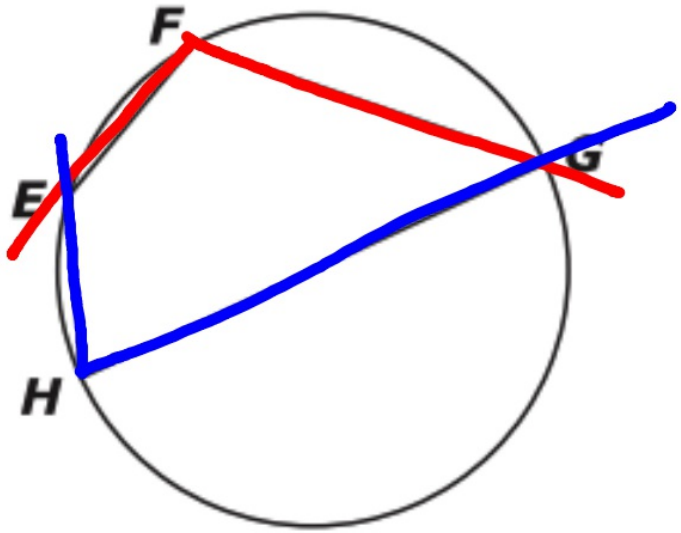
$46x=184$

$x=4$

$26(4)-2=102$

Quadrilateral $EFGH$ is inscribed in a circle as shown.

EOC prep



$7x = 175$

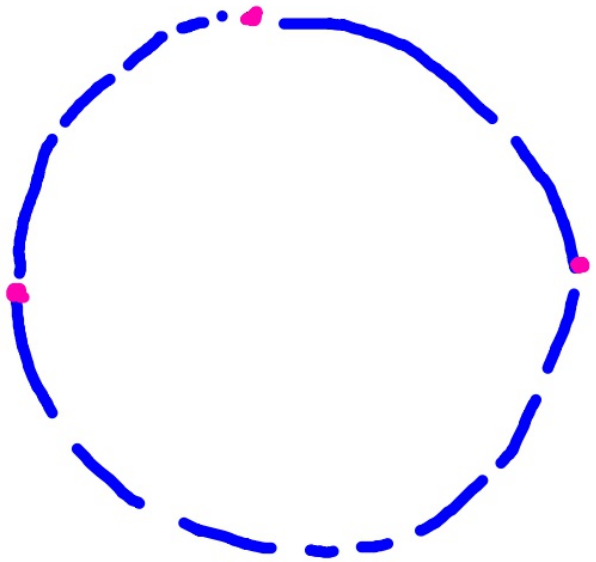
$x = 25$

$m\angle F = (4x + 10)°$, $m\angle G = (2x - 5)°$, and $m\angle H = (3x - 5)°$. What is the value of x?

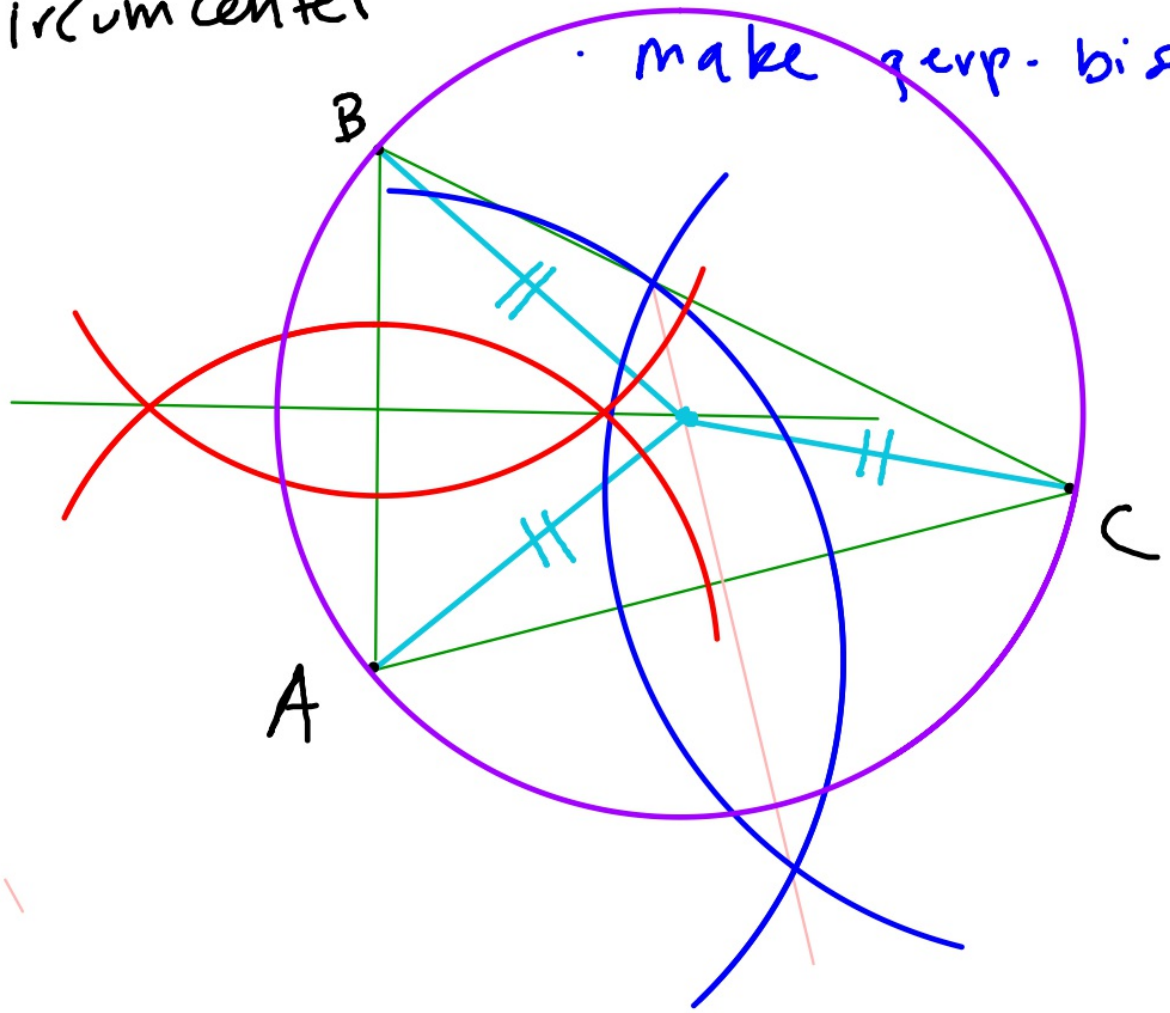
$\angle F = 4x + 10$ $\angle G = 2x - 5$ $\angle H = 3x - 5$ x?

$7x + 5 = 180$

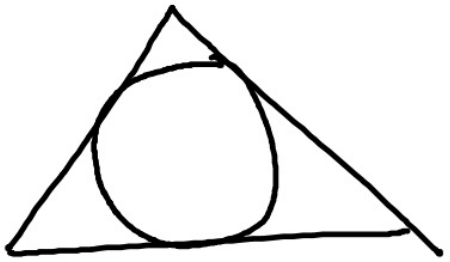
Draw 3 non collinear points
Can you draw the circle that passes through them?

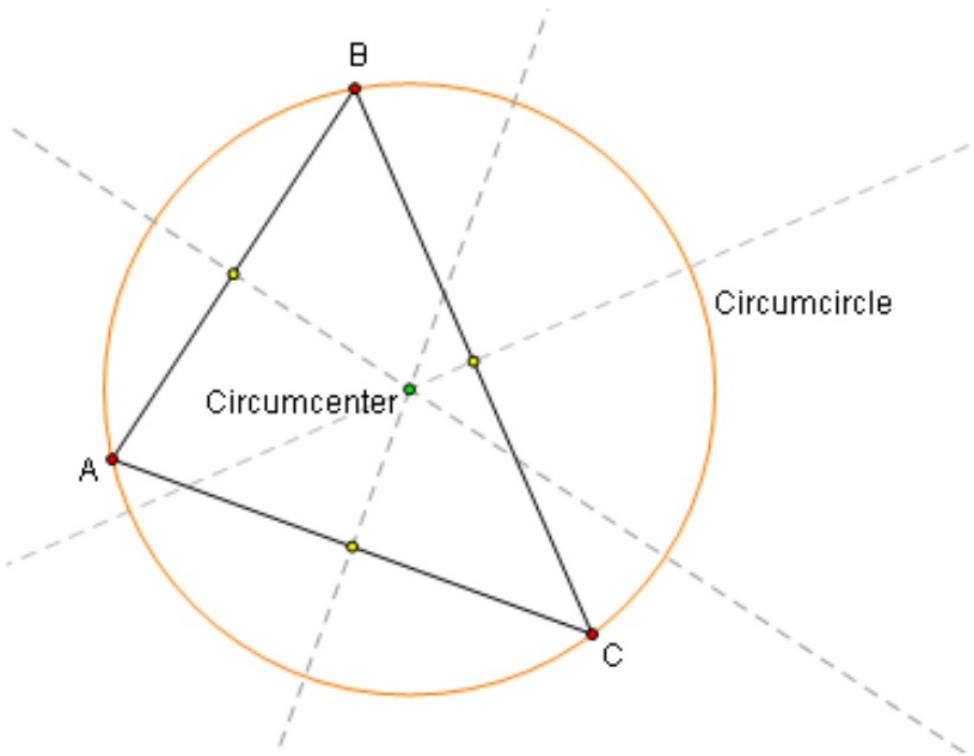


Circumcenter

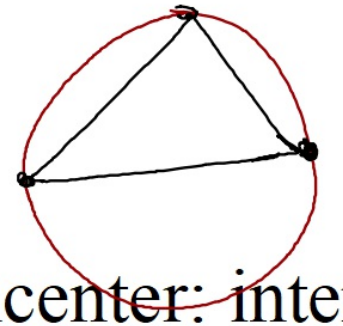


· make perp. bisector for 2 sides of △.

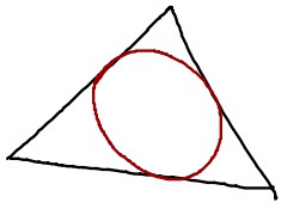



B
Circumcircle
Circumcenter
A
C

Circumcenter: intersection of a triangle's perp. bisectors
equdistant to the corners



Incenter: intersection of a triangle's angle bisectors
equidistant to the sides



Circles review....

Complete the online practice test located on Google Classroom and weebly

Test Thursday