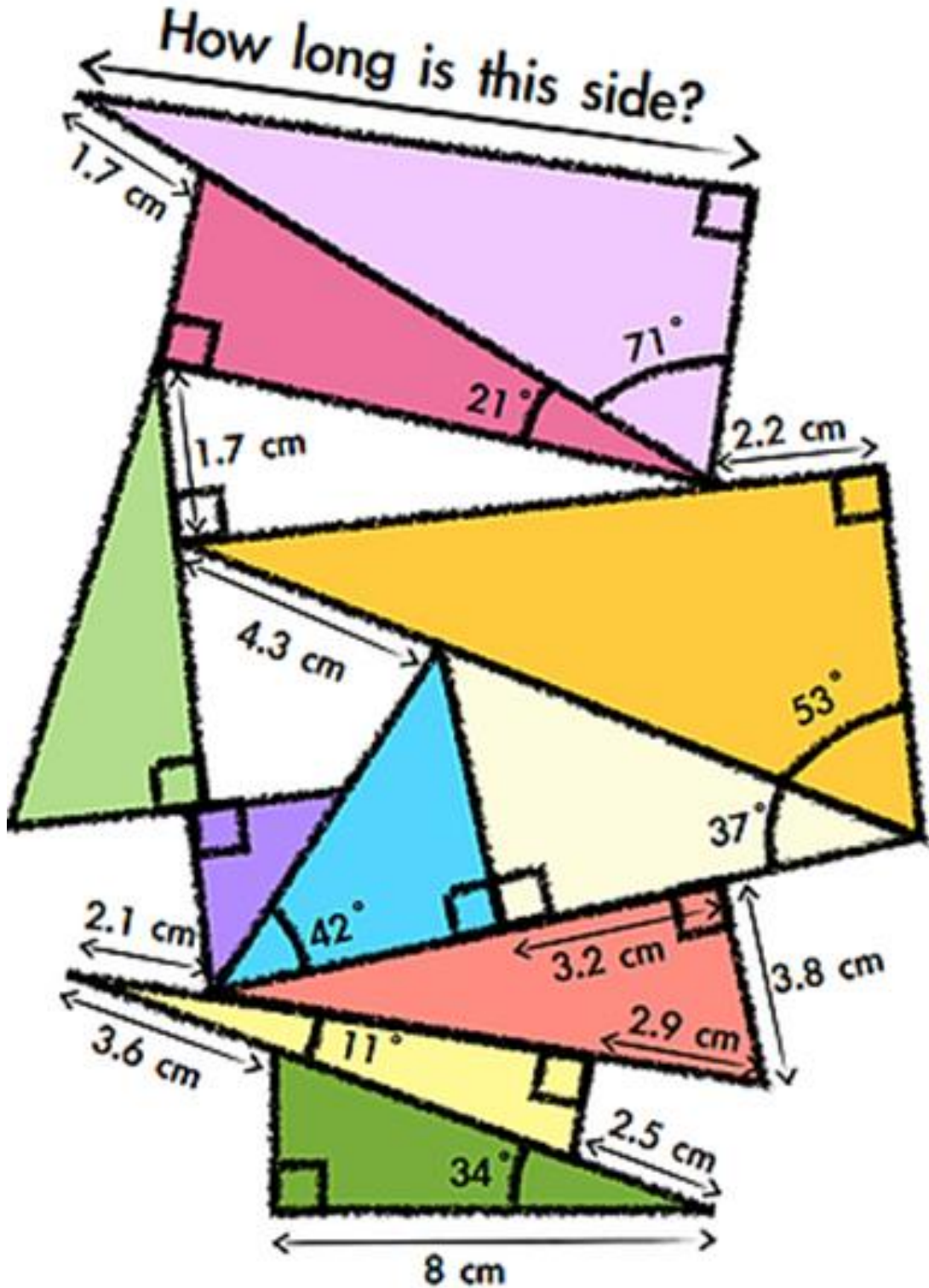


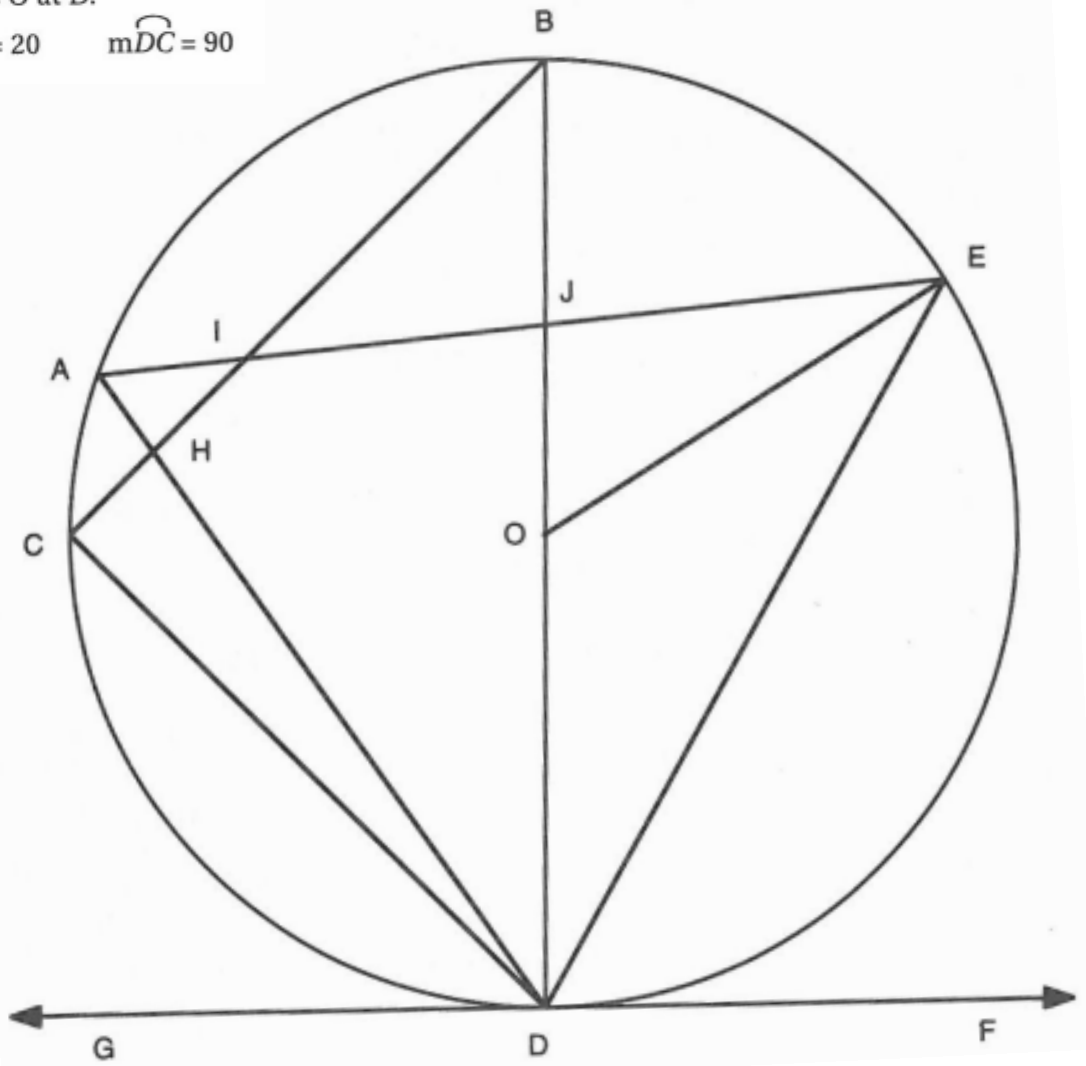
# 7T Trig / Circles Review Activity

Use trigonometry / Pythagorean Theorem to start from the bottom and work your way up!



$\overleftrightarrow{GF}$  is tangent to Circle O at D.

$m\widehat{DE} = 122$      $m\widehat{AC} = 20$      $m\widehat{DC} = 90$



- |                             |                           |                            |
|-----------------------------|---------------------------|----------------------------|
| 1. $m\angle EDF =$ _____    | 2. $m\angle DOE =$ _____  | 3. $m\angle OED =$ _____   |
| 4. $m\angle ODE =$ _____    | 5. $m\angle BDG =$ _____  | 6. $m\angle BCD =$ _____   |
| 7. $m\angle ADC =$ _____    | 8. $m\angle CDG =$ _____  | 9. $m\widehat{AB} =$ _____ |
| 10. $m\widehat{BE} =$ _____ | 11. $m\angle ADB =$ _____ | 12. $m\angle DAE =$ _____  |
| 13. $m\angle AED =$ _____   | 14. $m\angle BOE =$ _____ | 15. $m\angle BDF =$ _____  |
| 16. $m\angle CDB =$ _____   | 17. $m\angle AIB =$ _____ | 18. $m\angle CHD =$ _____  |
| 19. $m\angle DHB =$ _____   | 20. $m\angle AIC =$ _____ | 21. $m\angle BIJ =$ _____  |
| 22. $m\angle AJB =$ _____   | 23. $m\angle EJD =$ _____ | 24. $m\angle AJD =$ _____  |
| 25. $m\angle JEO =$ _____   |                           |                            |