

14.2 Triangles

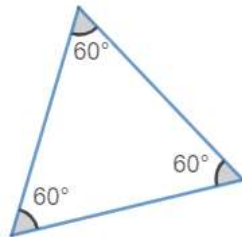
Math 7

Write your questions here!

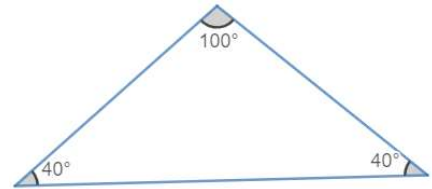


TYPES OF TRIANGLES

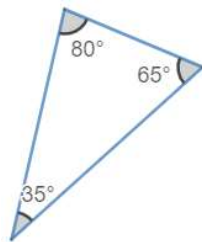
EQUILATERAL



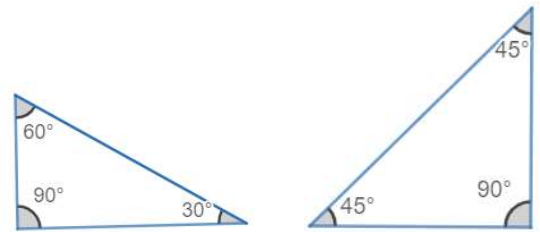
ISCOSCELES



SCALENE



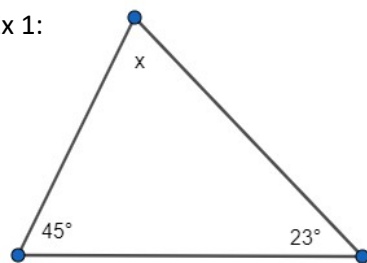
RIGHT



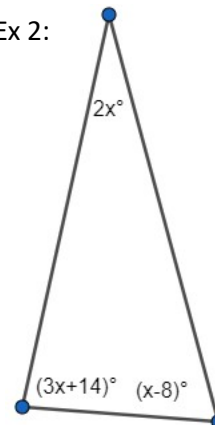
WHAT'S THE BIG IDEA?

Make an equation and solve for x.

Ex 1:

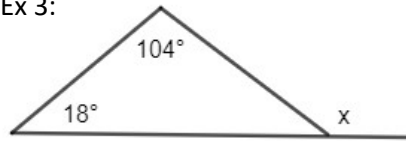


Ex 2:

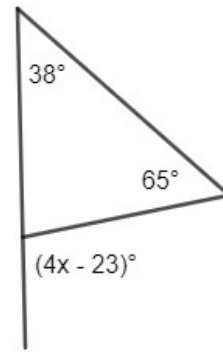


Let's use everything we know to solve!

Ex 3:

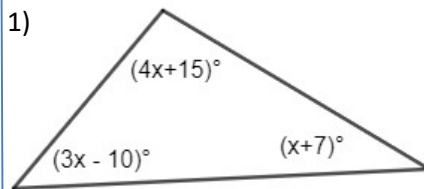


Ex 4:

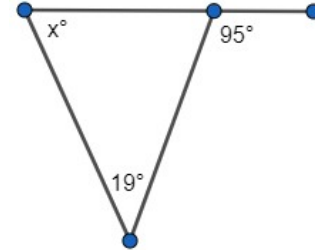


You try!

1)



2)



SUMMARY:

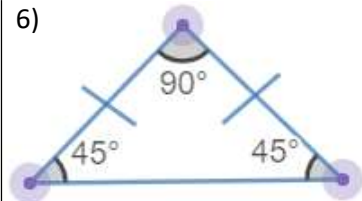
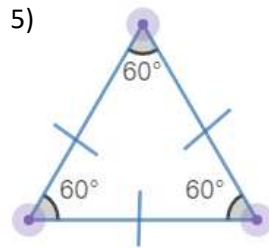
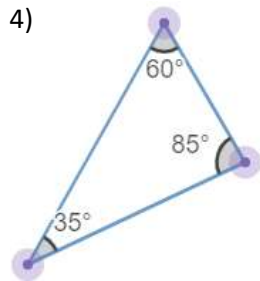
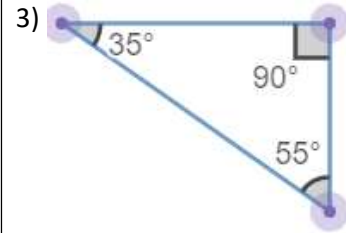
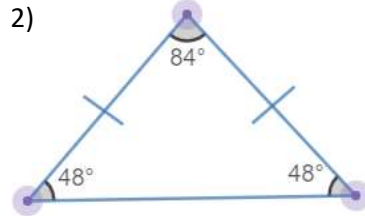
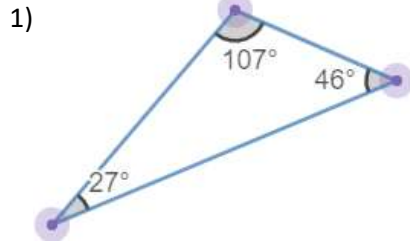
Now,
summarize
your notes
here!



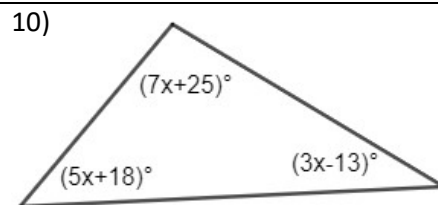
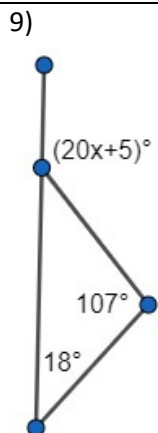
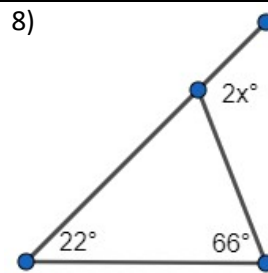
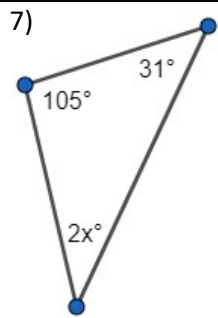
14.2 Triangles

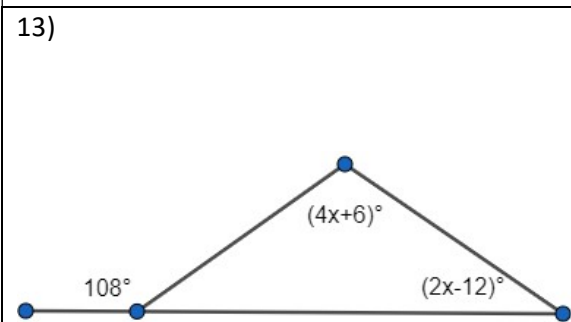
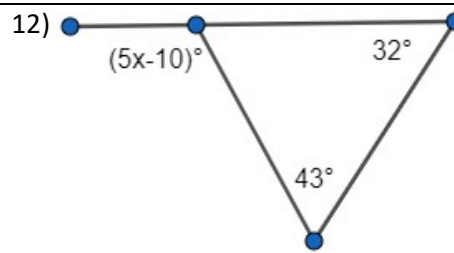
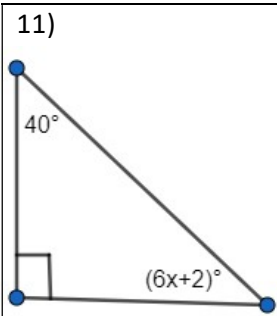
PRACTICE

Directions: Classify each type of triangle as ISOSCELES, EQUILATERAL, RIGHT, or SCALENE.



Directions: Solve for x.

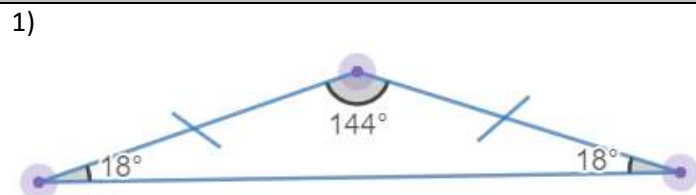




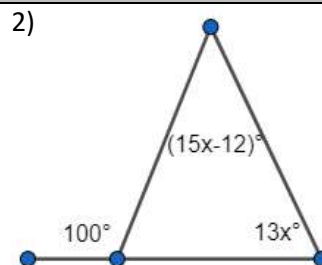
14.2 Triangles

WRAP UP

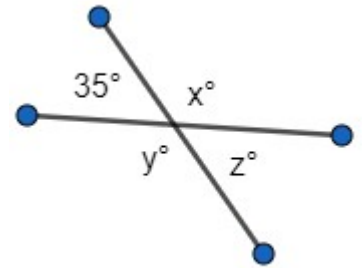
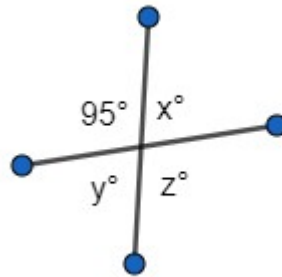
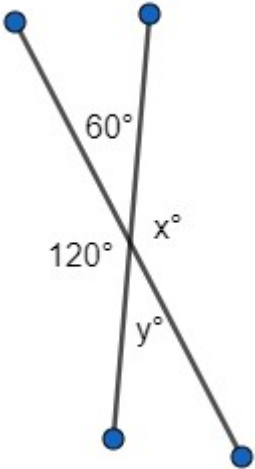
Directions: Classify each type of triangle as ISOSCELES, EQUILATERAL, RIGHT, or SCALENE.



Directions: Solve for x.



3) For each diagram, use your knowledge of supplemental angles to solve for x , y , and z .



What do you notice about the angles that are across from each other?

EXIT TICKET –

Circle all of the statements that are true. Correct any statement that is false so that it could be true.

- A triangle could have angles that measured 45° , 65° and 70° .
- A triangle could have angles that measured 40° , 50° and 80° .
- A triangle could have angles that measured 1° , 2° and 187° .
- A triangle could have angles that measured 90° , 90° and 90° .
- A triangle could have angles that measured 60° , 60° and 60° .