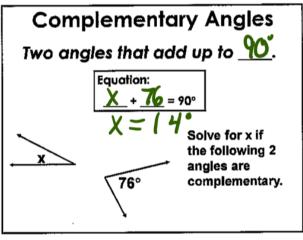
## 01/07/2020

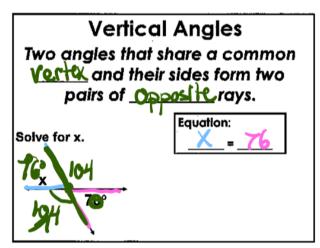
Today we continued our study of angle properties adding complementary angles and vertical angles to our content knowledge. We took notes and then practice through a variety of activities. Tonight's homework is to complete pages 7 and 8 in the packet.

Warm - Up One of two supplementary angles is 46 degrees more than its supplement. Find the measure of both angles. X+X+46=180 Ist Angle: 67 67446 2<sup>nd</sup> Angle: 13



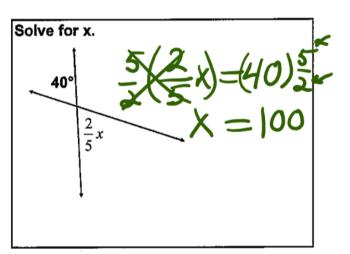
14

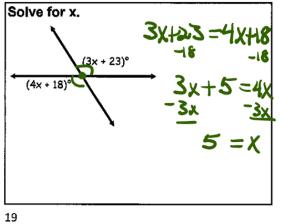
Solve for x. 2x+23+x+13=90 - 3x +36 =90 2x + 23  $\frac{x+13}{x+13}$ Sx = 54 x = 18 x + 13 15

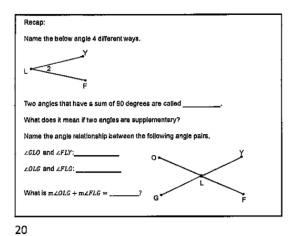


One of two complementary angles is 16 degrees less than its complement. Find the measure of both angles. 1<sup>st</sup> Angle: 37° 2<sup>nd</sup> Angle: 53°

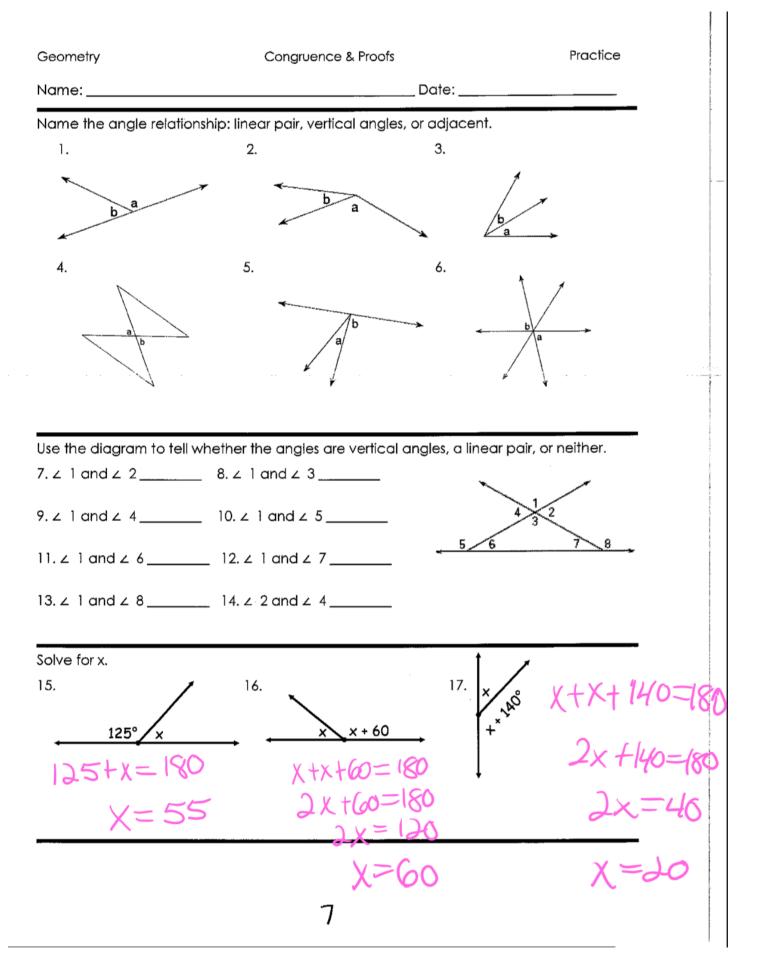
16

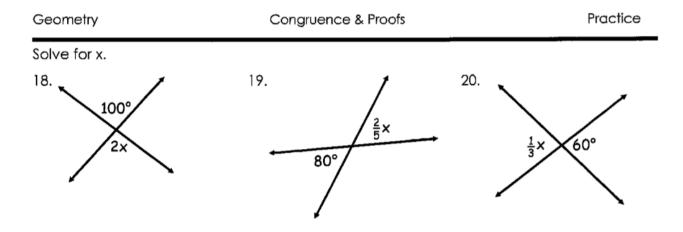






Students are to complete the next two pages for homework. (Pages 7 and 8 from their packets.)





Use the diagram to find the indicated measure.

