Worksheet: A Tale of Three Intersecting Lines

NIOS · Class 7 · Mathematics · 6 questions · 11 marks

Name: _____ Date: _____ Score: _____ / 11

Q1. Find the third angle if two angles are 72 and 48 degrees. *[1 mark]*

Q2. Each angle of an equilateral triangle is? *[1 mark]*

Q3. A triangle has angles x, x, and 40 degrees. Find x. *[2 marks]*

Q4. Exterior angle is 110 degrees. One opposite angle is 35 degrees. Find the other. *[2 marks]*

Q5. Can angles 30, 70, 80 form a triangle? *[2 marks]*

Q6. Why do triangle problems often use 180 degrees? *[3 marks]*