Triangle Inequality

Sheet 1

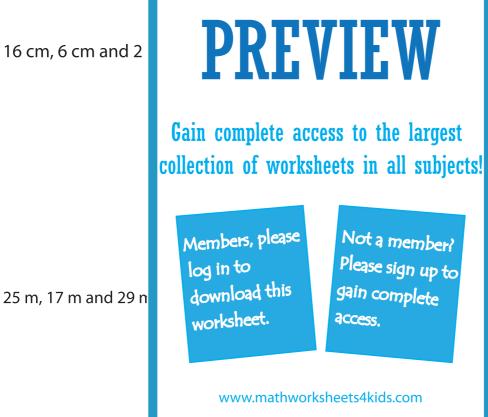
Determine if the three lengths can be the measures of the sides of a triangle.

3 mm, 9 mm and 8 mm

2) 37 cm, 13 cm and 21 cm

16 cm, 6 cm and 2 3)

5)



and 20 mm

) m

- Alice prepares a cheese sandwich for her supper. She stuffs an isosceles triangular cheese slice in it. Which of the following is the possible side measures of the cheese slice?
 - a) 5 cm, 13 cm, 18 cm
- b) 10 cm, 10 cm, 15 cm
 - c) 7 cm, 7 cm, 20 cm