

## Teacher Answer Key: Triangle Perimeter (Hard)

Triangle points: - A(-4, 2) - B(3, 7) - C(6, -1)

Expected answers (rounded to 1 d.p.):

1.  $AB = 8.6$
2.  $BC = 8.5$
3.  $CA = 10.4$
4. Perimeter = 27.5
5. Scale conversion:  $27.5 \times 1.5 = 41.3$  m (to 1 d.p.)