Handout 1: Triangular Momentum - Answers
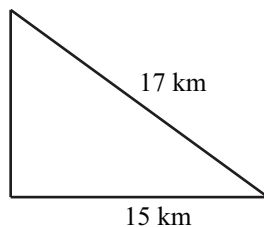

Figure 1

1. Find the area of the triangle in Figure 1
   60 km^2

2. Calculate the area of a triangle with base 4 ft and height 6 ft.
   12 ft^2

3. Find the area of an equilateral triangle with sides of length 4 m.
   $4\sqrt{3}$ m^2

4. A triangle has an area of 36 cm^2 and a height of 18 cm. Find the base.
   4 cm

5. A triangle has sides 3, 4, and 5 units. Find the area.
   6 units^2

6. Find the area of a right triangle with legs of length 11 and 5 inches.
   27.5 in^2

7. The base of a triangle is 4 times the height. The area is 98 miles. Find the height.
   7 mi

8. The height of a triangle is half the base. The area is 4 units. Find the height.
   2 units

9. Find the area of a triangle with height 10 mm and base 3 mm.
   15 mm^2

10. An equilateral triangle has an area of $9\sqrt{3}$ yards. Find the length of one side.
    6 yd

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