



Area of related rectangle
 $= 3 \times 4$
 $= 12$ square units

Area of Triangle D
 $= \frac{1}{2} \times (9 \times 4) - \frac{1}{2} \times (6 \times 4)$
 $= \frac{1}{2} \times (9 \times 4) - (6 \times 4)$
 $= \frac{1}{2} \times (9 - 6) \times 4$
 $= \frac{1}{2} \times 3 \times 4$
 $= \text{orange square}$ square units

Area of triangle $= \frac{1}{2} \times$ Area of related rectangle



$$\text{Area of triangle} = \frac{1}{2} \times \text{base} \times \text{height}$$

$$A = \frac{1}{2} \times b \times h$$

- For each of the following shaded triangles, name the height which is related to the given base of the triangle.

