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| **Determining the Area of Triangles** | | | |
| Explains the relationships between the area of a rectangle and a triangle.  I drew a diagonal of the rectangle and divided the rectangle in two equal triangles.  Area rectangle = 50 cm2  Area triangle = 25 cm2  So, the area of a triangle is one-half the area of a rectangle.  *A* = *b* × *h* ÷ 2 | Determines the area of a triangle using the area formula.  A black and white image of a triangle  Description automatically generated  *A* = *bh*  *A* = × 5 × 15  *A* = 37.5 The triangle has an area  of 37.5 cm2. | Uses triangle area formula to determine a missing measure.  What is the base of a triangle with area of 36 cm2 and height of 6 cm?  I used the area formula for a triangle.  *A* = *bh*  36 = × *b* × 6  36 = 3 × *b*  = *b*  *b* = 12  The base of the triangle is 12 cm. | Flexibly solves problems involving the area of triangles.    What is the area of the sail on the toy boat?  “The sail is a triangle with base  32 cm and height 34 cm.  *A* = *bh*  *A* = × 32 × 34  *A* = 544 The area of the sail is 544 cm2.” |
| **Observations/Documentation** | | | |
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