



Area on the Rectangular Plane

Math Blast



Name

Score

Solve and show all steps.

<p>A rectangle has vertices at $A(1, 2)$, $B(7, 2)$, $C(7, 5)$, and $D(1, 5)$. Find the area of the rectangle.</p>	<p>Show all steps here</p>
<p>Find the area of a triangle with vertices at $P(2, 1)$, $Q(8, 1)$, and $R(5, 7)$.</p>	<p>Show all steps here</p>
<p>A square has vertices at $E(-3, -1)$, $F(1, -1)$, $G(1, 3)$, and $H(-3, 3)$. Find the area of the square.</p>	<p>Show all steps here</p>
<p>Calculate the area of a right triangle with vertices at $K(-4, 0)$, $L(2, 0)$, and $M(2, 5)$.</p>	<p>Show all steps here</p>
<p>Find the area of a trapezoid with vertices at $S(1, 2)$, $T(7, 2)$, $U(5, 6)$, and $V(3, 6)$.</p>	<p>Show all steps here</p>



Solve and show all steps.

The area of the rectangle is **18 square units**.

The area of the triangle is **18 square units**.

The area of the square is **16 square units**.

The area of the right triangle is **15 square units**.

The area of the trapezoid is **16 square units**.