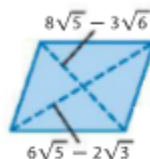
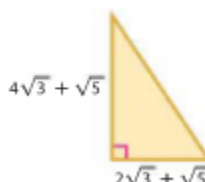


► **Guided Practice**

4. **GEOMETRY** The area A of a rhombus can be found using the equation $A = \frac{1}{2}d_1d_2$, where d_1 and d_2 are the lengths of the diagonals. What is the area of the rhombus at the right? **$A = 120 - 8\sqrt{15} - 9\sqrt{30} + 9\sqrt{2}$**



13. **GEOMETRY** The area A of a triangle can be found by using the formula $A = \frac{1}{2}bh$, where b represents the base and h is the height. What is the area of the triangle at the right?



$14.5 + 3\sqrt{15}$

26. **GEOMETRY** Find the perimeter and area of a rectangle with a width of $2\sqrt{7} - 2\sqrt{5}$ and a length of $3\sqrt{7} + 3\sqrt{5}$. **$10\sqrt{7} + 2\sqrt{5}$ units; 12 units²**
34. **FINANCIAL LITERACY** Tadi invests \$225 in a savings account. In two years, Tadi has \$232 in his account. You can use the formula $r = \sqrt{\frac{v_2}{v_0}} - 1$ to find the average annual interest rate r that the account has earned. The initial investment is v_0 , and v_2 is the amount in two years. What was the average annual interest rate that Tadi's account earned? **about 1.5%**