

**NOTES SECTION 11.2:**

**AREAS OF PARALLELOGRAMS, TRIANGLES, AND RHOMBUSES**

**THEOREM**

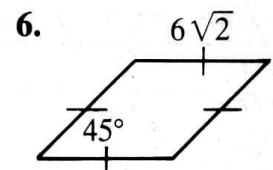
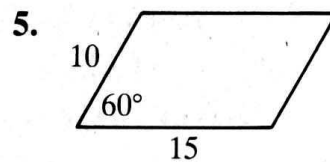
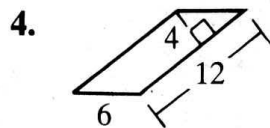
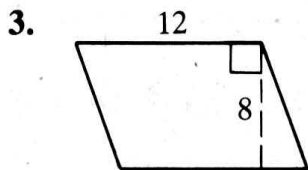
**THEOREM**

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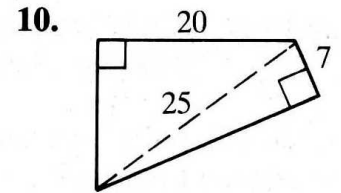
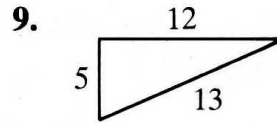
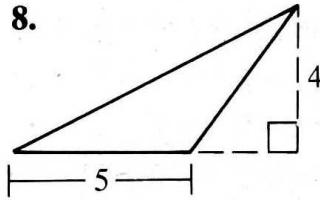
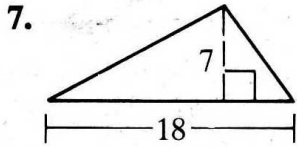
1) Find the area of a parallelogram with base 6 cm and corresponding height \_\_\_\_\_.

2) Find the area of a parallelogram with base  $6\sqrt{2}$  and corresponding height \_\_\_\_\_.

**Find the area of each parallelogram.**



Find the area of each figure.



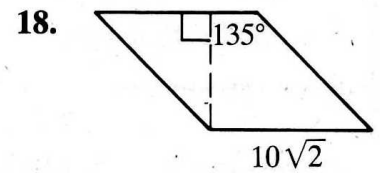
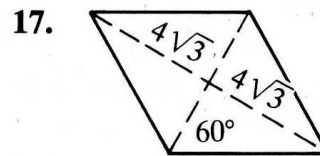
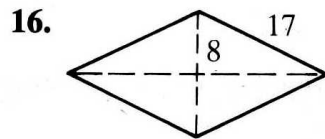
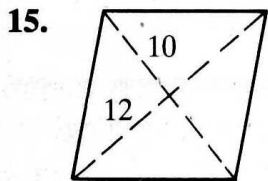
11) Find the area of an isosceles triangle with sides 30, 30, and \_\_\_\_\_.

12) Find the area of an isosceles triangle with base 16 and perimeter \_\_\_\_\_.

13) Find the area of an equilateral triangle with sides \_\_\_\_\_.

14) Find the area of an equilateral triangle with height \_\_\_\_\_.

Find the area of each rhombus.



19) Find the area of a rhombus with diagonals 8 m and \_\_\_\_\_.

20) Find the area of a rhombus with perimeter 52 and one diagonal \_\_\_\_\_.

21) Find the area of a rhombus with perimeter 100 and one diagonal \_\_\_\_\_.