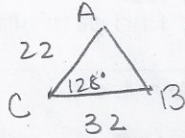


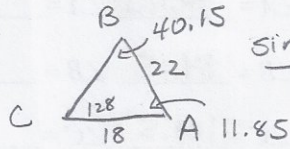
Find the area of the triangle having the indicated sides and angles. Round to the nearest tenth.

7. $b = 22$, $a = 32$, $\angle C = 128^\circ$



277.4 sq units

8. $b = 18$, $c = 22$, $\angle C = 128^\circ$



$$\frac{\sin 128}{22} = \frac{\sin B}{18}$$

40.7 sq. units

$$\frac{1}{2} (22)(18) \sin 11.85$$

9. A triangular parking lot has sides of 150 feet, 210 feet, and 190 feet. Find the area of the triangle.

$s = 275$

$$\sqrt{275(125)(65)(85)}$$

13781.2 ft²