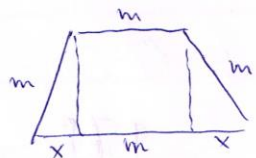


2.50
S



$$S = \frac{(m+m+2x)\sqrt{m^2-x^2}}{2} = (m+x)\sqrt{m^2-x^2}$$

$$S' = \sqrt{m^2-x^2} - \frac{2x(m+x)}{2\sqrt{m^2-x^2}}$$

$$2x^2 + xm - m^2 = 0$$

$$0 = \frac{m^2 - x^2 - xm - x^2}{\sqrt{m^2 - x^2}}$$

$$x = \frac{1}{2}m$$

$\frac{1}{3}m$	$\frac{1}{2}m$	$\frac{2}{3}m$
+	0	-
	max	