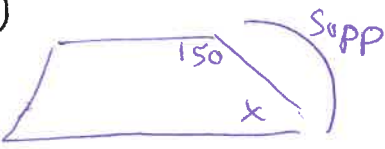
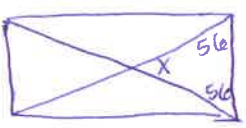


Pass the Problem Summative Review

<p>1)</p> $3x - 7 = 4x - 12$ $5 = x$	<p>2)</p> $5y + 5 = 90$ $5y = 85$ $y = 17$ $3x - 8 = 5x - 2$ $4 = 2x$ $x = 2$	<p>3) add up to:</p> $(6-2)180 = 720$ $583 + x = 720$ $x = 137$
<p>4) exterior angles add up to 360</p> $127 + 71 + 102 + a = 360$ $300 + a = 360$ $a = 60$	<p>5)</p> $13x - 7 + 4x = 180$ $17x = 187$ $x = 11$	<p>6)</p> $x = 90$ diagonals perpendicular
<p>7)</p>  $150 + x = 180$ $x = 30$	<p>8)</p>  $x = 180 - 2(56)$ $x = 68$	<p>9)</p> $\frac{2x}{3x+7} = \frac{4}{20}$ $40x = 12x + 28$ $28x = 28$ $x = 1$
<p>10)</p> $\cos 47 = \frac{x}{14}$ $x = 9.5$	<p>11)</p> $\sin 71 = \frac{40}{x}$ $\cdot \frac{9455x}{9455} = \frac{40}{.9455}$ $x = 42.3$	<p>12)</p> $x^2 + 13^2 = 122^2$ $x^2 + 169 = 494$ $x^2 = 315$ $x = 3\sqrt{35}$