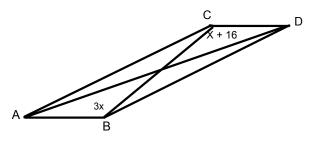
Geometry	/ Chapter	8 Review
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1.) Find the sum of the measures of the interior angles of a regular 32-gon.

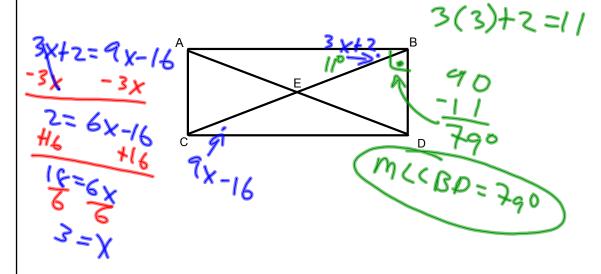
2.) Use the parallelogram ABCD to find angle BCD.



3.) The length of the median of a trapezoid is 20 feet. If the bases have lengths 2x+6 and 4x-2, find \boldsymbol{x}

4.) Find the measure of each exterior angle of a regular 40-gon.

5.) ABCD is a rectangle. If angle CBA = 3x + 2 and angle BCD = 9x - 16, Find angle CBD.



6.) FOIL the following: (6x + 2)(2x - 9)

$$6x(2x) + 6x(9) + 2(2x) + 2(9)$$

$$12x^{2} + -54x + 4x + -18$$

$$(12x^{2} - 50x - 18)$$

Factor the following: $x^2 + 6x - 27$

$$(x+9)(x-3)$$

