

Angles Double Formative – Math 6a.

Directions: Fill in the boxes with the correct response.

Answers were
a COINCIDENCE

1.

	Write the equation	$11x + 5 = 71$
	Solve for X (show your work for full credit)	$\begin{array}{r} -5 \quad -5 \\ \hline 11x = 66 \\ \hline 11 \quad 11 \end{array}$
	Write the expression used to find the missing angle $\angle A$	$11(6) + 5$
		X = <u>6</u>

2.

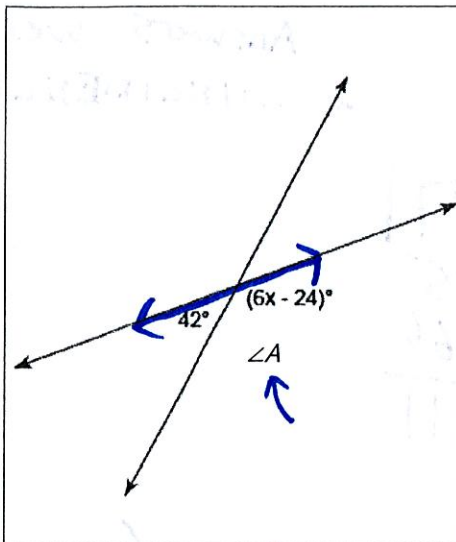
	Write the equation	$8x + 7x = 90$
	Solve for X (show your work for full credit)	$\begin{array}{r} 15x = 90 \\ \hline 15 \quad 15 \\ \hline x = 6 \end{array}$
	Write the expression used to find the missing angle $\angle A$	$8(6)$
		X = <u>6</u>

3.

	Write the equation	$8 + 5x = 38$
	Solve for X (show your work for full credit)	$\begin{array}{r} -8 \quad -8 \\ \hline 5x = 30 \\ \hline 5 \quad 5 \end{array}$
	Write the expression used to find the missing angle $\angle A$	$8 + 5(6)$
		X = <u>6</u>

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4.



Write the equation

$$6x - 24 + 42 = 180$$

Solve for X
(show your work for full credit)

$$6x + 18 = 180$$

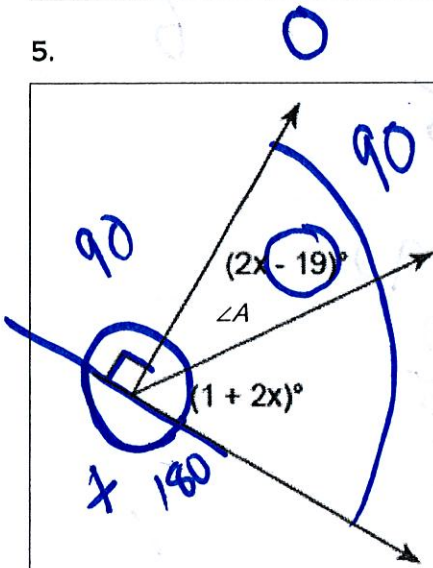
$$\frac{6x}{6} = \frac{162}{6}$$

X = 27

Write the expression used to find the missing angle $\angle A$

$$6(27) - 24$$

5.



Write the equation

$$(2x - 19) + \angle A + (1 + 2x) = 90$$

Solve for X
(show your work for full credit)

$$4x - 18 = 90$$

$$4x = 108$$

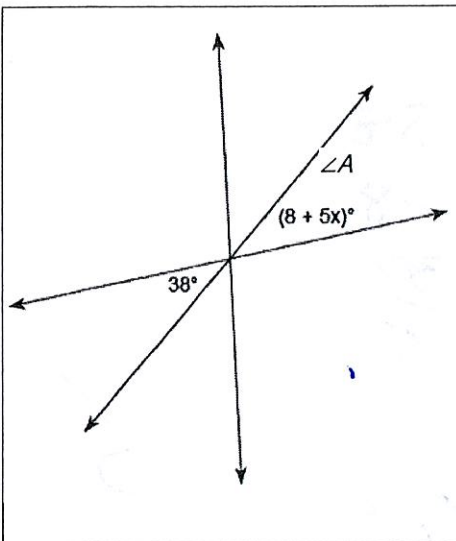
$$\frac{4x}{4} = \frac{108}{4}$$

X = 27

Write the expression used to find the missing angle $\angle A$

$$2(27) - 19$$

6.



Write the equation

Solve for X
(show your work for full credit)

X = _____

Write the expression used to find the missing angle $\angle A$