

Name: _____ ANSWER KEY _____ Hour: _____ Date: _____

“Why Didn't The Two Fours Want Dinner?” (Properties of Rectangles Practice)

Directions: Solve each problem to find the value of x to given that the quadrilateral is a rectangle. Find its matching answer in the answer box and decode the answer to the riddle using the letter of the answer associated with each question. Show all of your work.

Answer:

B E C A U S E T H E Y
6 7 12 14 1 10 7 2 9 7 4

A L R E A D Y E I G H T !
14 11 8 7 14 3 4 7 15 5 9 2 13

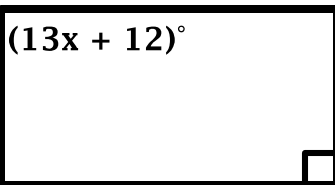
1. $x = \underline{\quad}$ $x = 10$

$7x - 12$

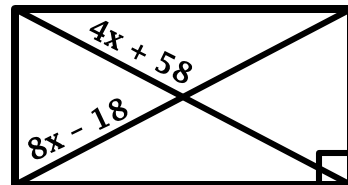


$4x + 18$

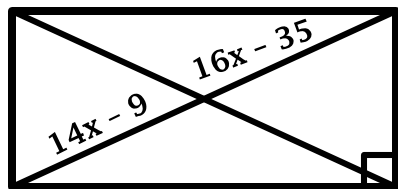
2. $x = \underline{\quad}$ $x = 6$



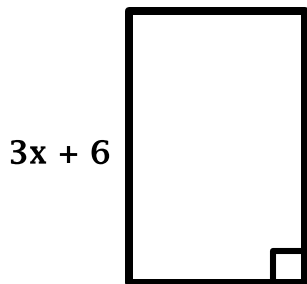
3. $x = \underline{\quad}$ $x = 19$



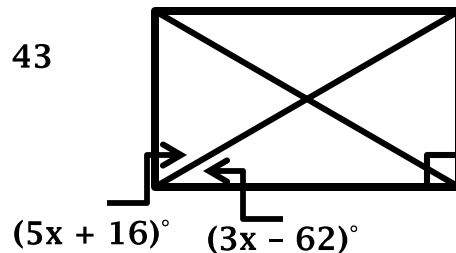
4. $x = \underline{\quad}$ $x = 13$



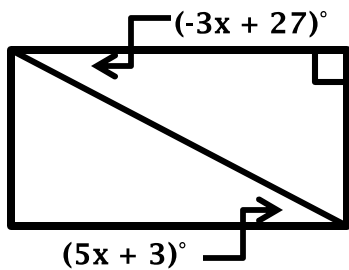
5. $x = \underline{\quad}$ $x = 7$



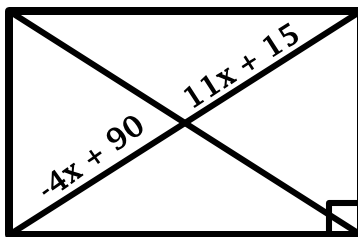
6. $x = \underline{\quad}$ $x = 17$



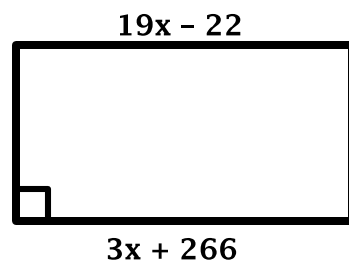
7. $x = \underline{\quad}$ $x = 3$



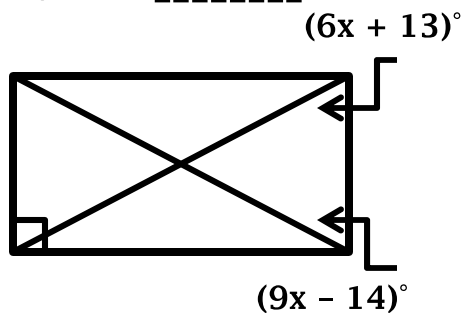
8. $x = \underline{\quad}$ $x = 5$



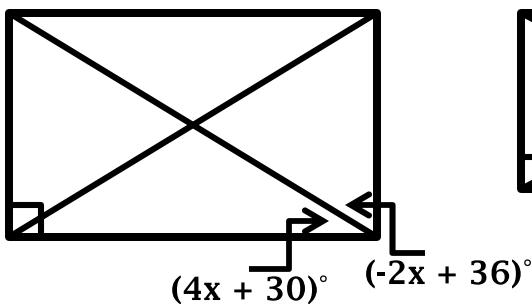
9. $x = \underline{\quad}$ $x = 18$



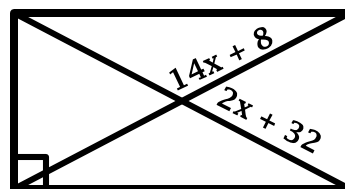
10. $x = \underline{\quad}$ $x = 9$



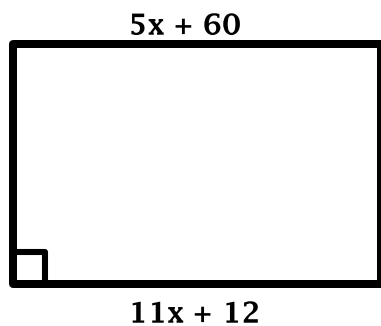
11. $x = \underline{\quad}$ $x = 12$



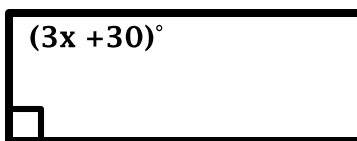
12. $x = \underline{\quad}$ $x = 2$



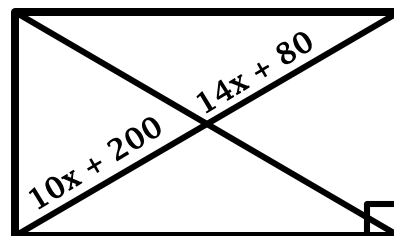
13. $x = \underline{\quad}$ $x = 8$



14. $x = \underline{\quad}$ $x = 20$



15. $x = \underline{\quad}$ $x = 30$



Answer Box:

A	$x = 20$	B	$x = 17$	C	$x = 2$	D	$x = 19$	E	$x = 3$
G	$x = 7$	H	$x = 18$	I	$x = 30$	L	$x = 12$	R	$x = 5$
S	$x = 9$	T	$x = 6$	U	$x = 10$	Y	$x = 13$!	$x = 8$

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(Properties of Rectangles Practice)

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Answer:

6 7 12 14 1 10 7 2 9 7 4

14 11 8 7 14 3 4 7 15 5 9 2 13

1. $x =$ _____

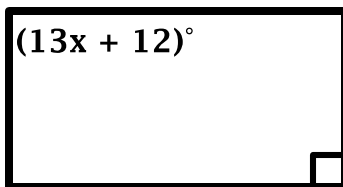
$7x - 12$



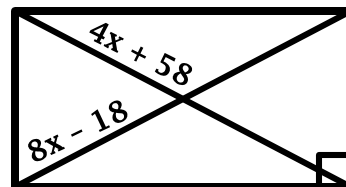
$4x + 18$

2. $x =$ _____

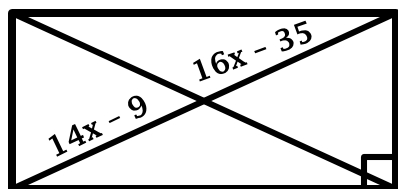
$(13x + 12)^\circ$



3. $x =$ _____

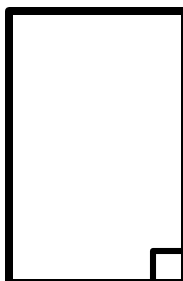


4. $x =$ _____



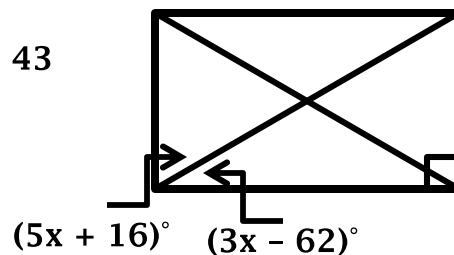
5. $x =$ _____

$3x + 6$

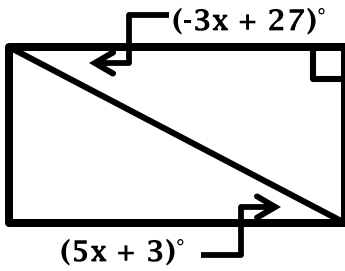


$10x - 43$

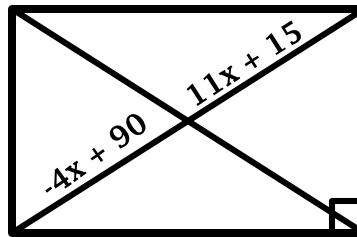
6. $x =$ _____



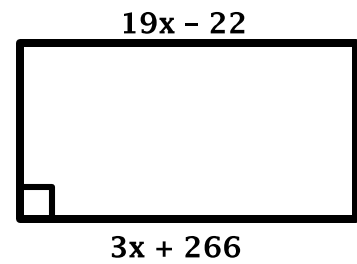
7. $x =$ _____



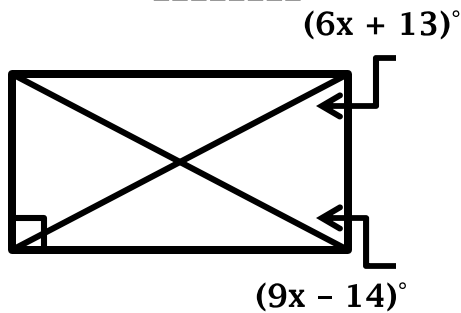
8. $x =$ _____



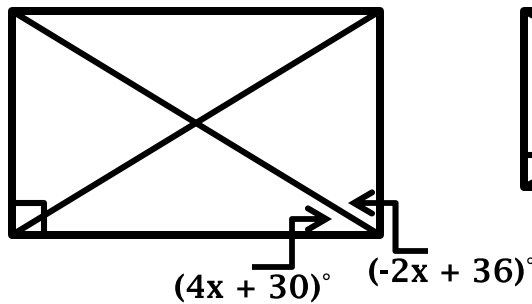
9. $x =$ _____



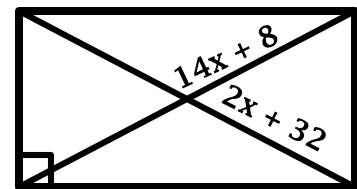
10. $x =$ _____



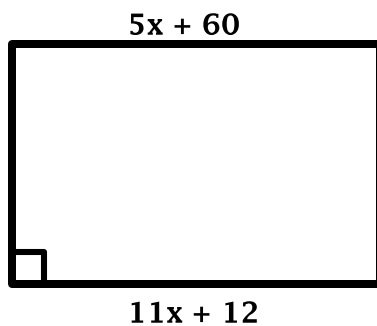
11. $x =$ _____



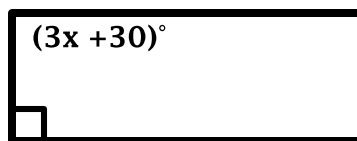
12. $x =$ _____



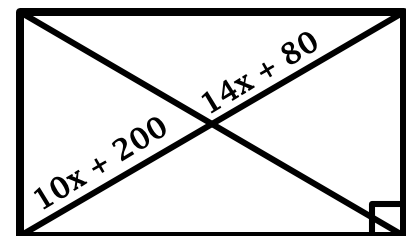
13. $x =$ _____



14. $x =$ _____



15. $x =$ _____



Answer Box:

A $x = 20$	B $x = 17$	C $x = 2$	D $x = 19$	E $x = 3$
G $x = 7$	H $x = 18$	I $x = 30$	L $x = 12$	R $x = 5$
S $x = 9$	T $x = 6$	U $x = 10$	Y $x = 13$! $x = 8$