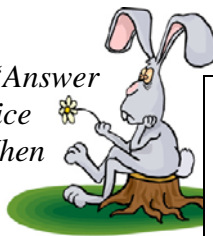


Trigonometry Refresh Sudoku

Directions: Find the answer for each question in the "Answer Chart" at the bottom. Place the answer's number choice in the corresponding row and column in the puzzle. When finished with the questions, solve the remaining puzzle.



Name ANSWERS

	A	B	C	D	E	F	G	H	I
1	8	2	5	7	6	1	9	3	4
2	9	6	1	3	4	2	7	5	8
3	7	4	3	9	8	5	2	1	6
4	6	9	7	5	3	8	1	4	2
5	5	1	4	2	7	9	6	8	3
6	2	3	8	6	1	4	5	9	7
7	1	5	6	4	2	3	8	7	9
8	3	8	2	1	9	7	4	6	5
9	4	7	9	8	5	6	3	2	1

ANSWER CHART:

$1286 \rightarrow$ 1	$\frac{\sqrt{3}}{2} \rightarrow$ 2	$52 \rightarrow$ 3	$255 \rightarrow$ 4	$\frac{5}{13} \rightarrow$ 5
$18 \rightarrow$ 6	$\frac{12}{13} \rightarrow$ 7	$32 \rightarrow$ 8	$\frac{1}{2} \rightarrow$ 9	$30 \rightarrow$ 1
$53 \rightarrow$ 2	$254 \rightarrow$ 3	$48 \rightarrow$ 4	$\frac{12}{5} \rightarrow$ 5	$\frac{\sqrt{3}}{3} \rightarrow$ 6
$\frac{2}{\sqrt{3}} \rightarrow$ 7	$49 \rightarrow$ 8	$37 \rightarrow$ 9	$28 \rightarrow$ 1	$54 \rightarrow$ 2

<ul style="list-style-type: none"> Express $\sin A$. $\frac{12}{13}$ E - 5 Express $\cos A$. $\frac{5}{13}$ H - 2 Express $\tan A$. $\frac{12}{5}$ I - 8 	<ul style="list-style-type: none"> Express $\sin E$. $\frac{1}{2}$ D - 3 Express $\cos E$. $\frac{\sqrt{3}}{2}$ E - 7 Express $\tan E$. $\frac{\sqrt{3}}{3}$ B - 2 	<ul style="list-style-type: none"> Find x to the nearest integer. A - 8 Find $m < CTA$. A - 6 	
<ul style="list-style-type: none"> Find x to the nearest integer. G - 5 	<ul style="list-style-type: none"> Find $m < A$ to the nearest degree. H - 4 	<ul style="list-style-type: none"> Find $m < B$ to the nearest degree. F - 2 	
<p>From a point 30 feet from the foot of a tree, the angle of elevation of the top of the tree is 43°. Find the height of the tree to the nearest foot. C - 2</p>			<ul style="list-style-type: none"> A 20 foot pole leans against a wall. The base of the pole on the ground is 12 feet from the wall. To the nearest degree, find the angle the pole makes with the wall. B - 4
<p>From the top of a lighthouse, the angle of depression of a boat at sea is 11°. The boat is 250 feet from the foot of the lighthouse.</p> <ul style="list-style-type: none"> To the nearest foot, find the height of the lighthouse. G - 7 To the nearest foot, find the distance from the boat to the top of the lighthouse. D - 7 			