

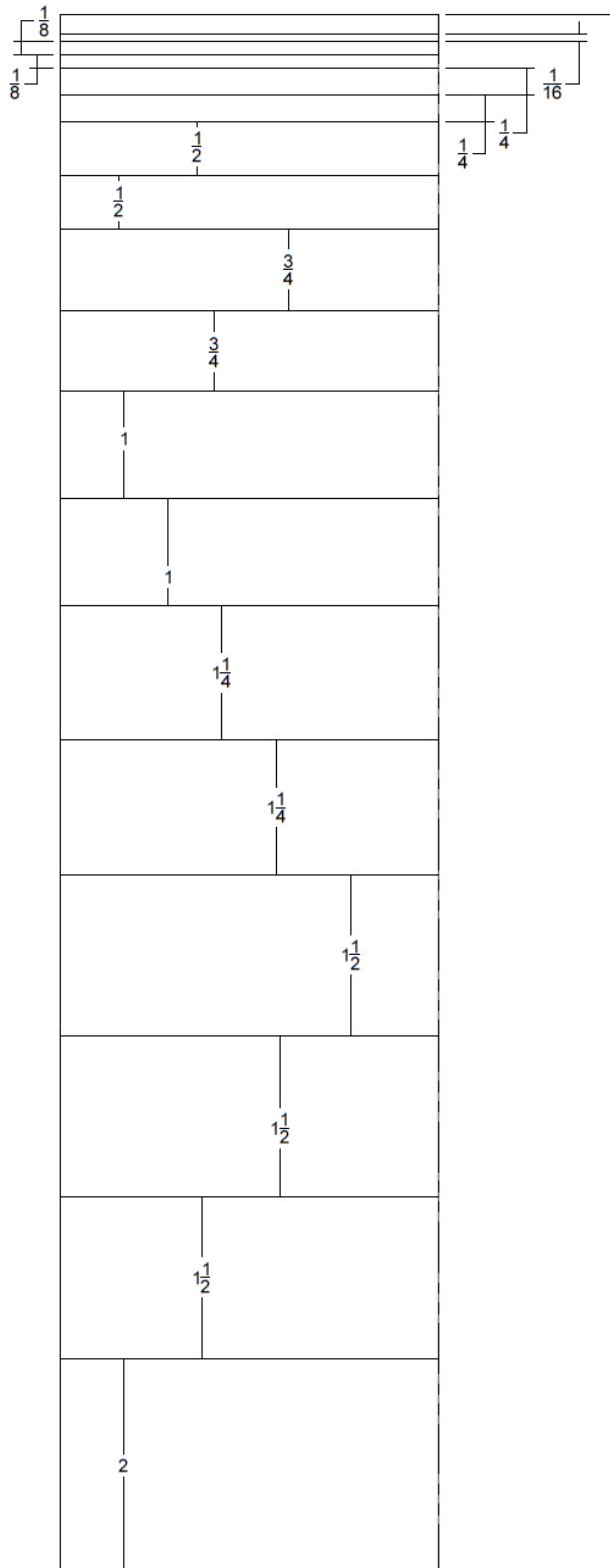


2 x 4 Measuring Assignment

Name: _____

1. Get a 2x4 from outside that is LONGER than 14 $\frac{1}{2}$ ".
2. Cut one end square on the Mitre Saw. Put an "X" on the end that you cut square.
3. Measure 14 $\frac{1}{2}$ " long using a Tape Measure and mark the length with a pencil, then draw a line with a Speed Square and put an "X" on the side that will be the "waste" side on the piece.
4. Use the Mitre Saw and cut the piece 14 $\frac{1}{2}$ " long.
5. Using a Tape Measure, begin measuring all the distances shown on the right beginning with the largest from one end. Make sure you have a sharp pencil and you are very accurate.

2", 1 $\frac{1}{2}$ ", 1 $\frac{1}{2}$ ", 1 $\frac{1}{2}$ ", 1 $\frac{1}{4}$ ", 1 $\frac{1}{4}$ ", 1", 1",
3/4", 3/4", 1/2", 1/2", 1/4", 1/4", 1/8", 1/8", 1/16".
6. Once you have marked off all the lines, use a Speed Square and extend the lines across the 2x4.
7. Show it to the teacher. If it is not correct, fix your mistake and show it to the teacher again.



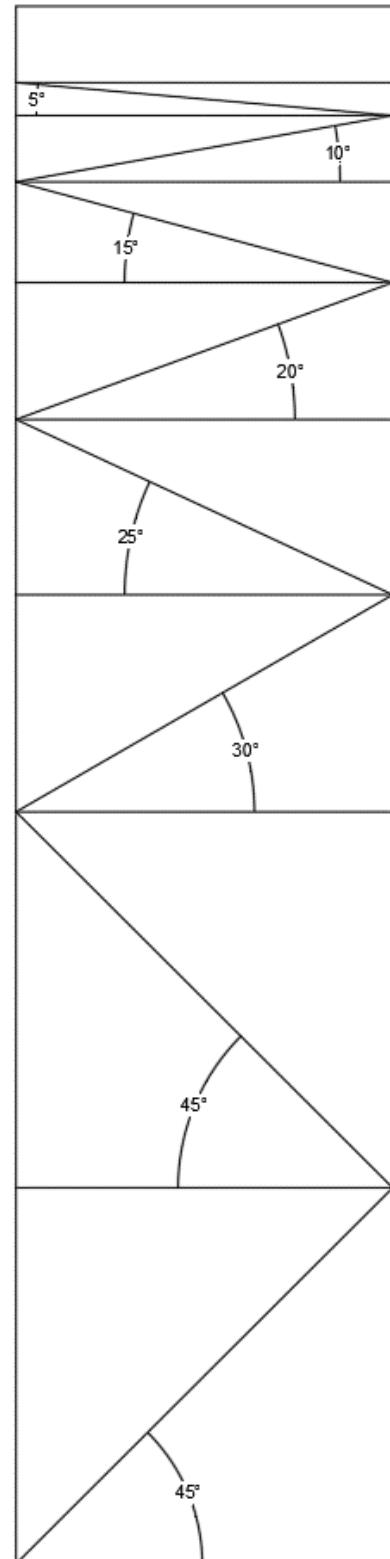
Completion Initials



2 x 4 Speed Square Assignment

Name: _____

1. Get a 2x4 from outside that is LONGER than $14 \frac{1}{2}$ ".
2. Cut one end square on the Mitre Saw. Put an "X" on the end that you cut square.
3. Measure $14 \frac{1}{2}$ " long using a Tape Measure and mark the length with a pencil, then draw a line with a Speed Square and put an "X" on the side that will be the "waste" side on the piece.
4. Use the Mitre Saw and cut the piece $14 \frac{1}{2}$ " long.
5. Using a Speed Square, draw the lines and angles shown to the right. Make sure you have a sharp pencil and you are very accurate. Complete in the following order.
 $45^\circ, 45^\circ, 30^\circ, 30^\circ, 25^\circ, 20^\circ, 15^\circ, 10^\circ, 5^\circ$
6. The total length should be between $13 \frac{1}{2}$ " and 14" between the end of the board and the last line... The 100% accurate answer is $13 \frac{13}{16}$ "
7. Show it to the teacher. If it is not correct, fix your mistake and show it to the teacher again.



Completion Mark Initials _____