

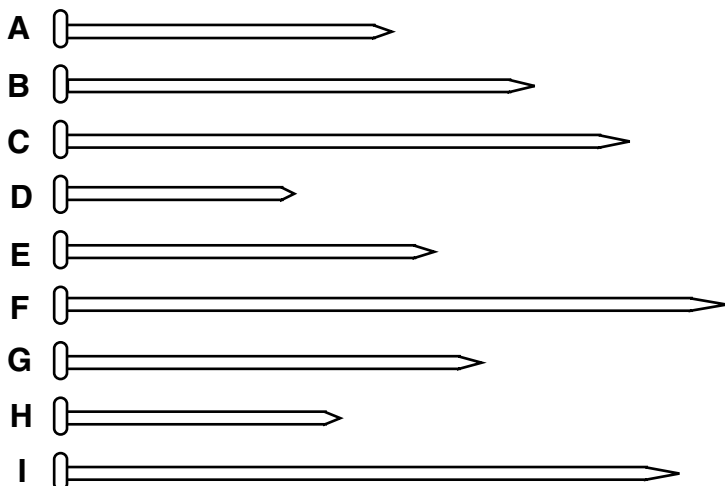
Challenge

Mixed Number Nails

The sizes of nails are described by the term “penny.” For example, a nail that is 1 inch long is called a 2-penny nail.

Complete the chart by writing the length of each nail in inches as a mixed number or whole number. Then measure the length of each nail at the bottom of the page to the nearest quarter inch. Write the letter of the nail picture that matches its size.

Nail Size	Nail Length (in inches)		Nail Picture Letter
4-penny	$\frac{3}{2}$ inches =		
7-penny	$\frac{9}{4}$ inches =		
3-penny	$\frac{5}{4}$ inches =		
16-penny	$\frac{7}{2}$ inches =		
6-penny	$\frac{6}{3}$ inches =		
5-penny	$\frac{7}{4}$ inches =		
8-penny	$\frac{5}{2}$ inches =		
12-penny	$\frac{13}{4}$ inches =		
10-penny	$\frac{6}{2}$ inches =		



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Nail Size	Nail Length (in inches)		Nail Picture Letter
4-penny	$\frac{3}{2}$ inches =	$1\frac{1}{2}$ inches	H
7-penny	$\frac{9}{4}$ inches =	$2\frac{1}{4}$ inches	G
3-penny	$\frac{5}{4}$ inches =	$1\frac{1}{4}$ inches	D
16-penny	$\frac{7}{2}$ inches =	$3\frac{1}{2}$ inches	F
6-penny	$\frac{6}{3}$ inches =	2 inches	E
5-penny	$\frac{7}{4}$ inches =	$1\frac{3}{4}$ inches	A
8-penny	$\frac{5}{2}$ inches =	$2\frac{1}{2}$ inches	B
12-penny	$\frac{13}{4}$ inches =	$3\frac{1}{4}$ inches	I
10-penny	$\frac{6}{2}$ inches =	3 inches	C

