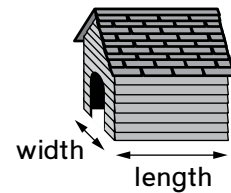


Using Doghouse Dimensions



Dan and Diane's Doghouse Dynasty builds doghouses to order. They can change the length and width for doghouses, but they always build them to have the same height. Solve the number stories about doghouses built to certain widths and lengths based on the information given in the table. Use drawings or equations to show how you solved each problem.

Custom Doghouse Dimensions		
Size	Length (in feet)	Width (in feet)
Extra small	$3\frac{1}{4}$	$1\frac{1}{3}$
Small	$3\frac{1}{2}$	$1\frac{1}{2}$
Medium	4	$1\frac{3}{4}$
Large	$4\frac{1}{4}$	$1\frac{5}{6}$
Extra large	$4\frac{5}{6}$	2



- Mrs. Swift ordered 3 medium-size doghouses. What will their combined width be?
_____ feet
- Kisa's Kennel has a space that is 18 feet wide in which they want to place doghouses side by side. If they order 5 small and 4 medium doghouses, will they all fit in the space? _____

Practice

③ $2 * \frac{3}{6} =$ _____

④ $5 * \frac{7}{10} =$ _____

⑤ $9 * \frac{6}{100} =$ _____

⑥ $7 * \frac{8}{12} =$ _____