

□

create 5 different word problems that require multiplying two mixed number fractions. Provide answer. Questions based on different careers

1. A tailor needs to make a dress with $8\frac{2}{3}$ yards of fabric. If each bridesmaid needs a dress composed of $1\frac{1}{4}$ yards of fabric, how many bridesmaids can the tailor make a dress for?

Answer: The tailor can make a dress for 7 bridesmaids.

2. A chef needs to bake a cake using $5\frac{4}{5}$ cups of flour. If each cupcake requires $\frac{1}{3}$ cup of flour, how many cupcakes can the chef make?

Answer: The chef can make 17 cupcakes.

3. An interior designer is creating a wallpaper design that requires $5\frac{1}{4}$ rolls of wall paper. If each room requires $1\frac{1}{2}$ rolls, how many rooms can the interior designer cover with the wallpaper?

Answer: The interior designer can cover 3 rooms with the wallpaper.

4. A carpenter is making a bookcase that requires $8\frac{7}{8}$ boards of wood. If each shelf has $\frac{4}{5}$ of a board, how many shelves can the carpenter make?

Answer: The carpenter can make 17 shelves.

5. A plumber needs to install $1\frac{1}{8}$ pipes for a house. If each pipe requires $\frac{2}{3}$ lengths of pipe, how many lengths of pipe does the plumber need?

Answer: The plumber needs 3 lengths of pipe.