Find the product. Express answers as improper fractions and mixed numbers.

1. $\frac{5}{3}⋅8=$ \_\_\_\_ = \_\_\_\_ b. $\frac{7}{4}⋅15=$ \_\_\_\_ = \_\_\_\_ c. $\frac{3}{12}⋅5=$ \_\_\_\_ = \_\_\_\_

 d. $\frac{10}{9}⋅8=$ \_\_\_\_ = \_\_\_\_ e. $\frac{4}{13}⋅7=$ \_\_\_\_ = \_\_\_\_ f. $\frac{12}{8}⋅9=$ \_\_\_\_ = \_\_\_\_

 g. $\frac{6}{14}⋅5=$ \_\_\_\_ = \_\_\_\_ h. $\frac{9}{4}⋅11=$ \_\_\_\_ = \_\_\_\_ i. $\frac{13}{12}⋅11=$ \_\_\_\_ = \_\_\_\_

Model each product.

1. $4⋅\frac{9}{5}=$ \_\_\_\_
2. $3⋅\frac{6}{7}=$ \_\_\_\_
3. $5⋅\frac{8}{3}=$ \_\_\_\_

Solve each word problem.

1. You are cooking pasta for a party and each box can serve $5$people. How many boxes of pasta should you buy if you are expecting 23 guests?
2. You are making rice pudding for dessert and each serving of rice pudding requires $\frac{2}{5}$cup of condensed milk. How much milk do you need if you will be serving 17 rice puddings?