

1. a. Draw an *area* diagram to show $\frac{3}{4} \times \frac{5}{6}$

b. Explain how to find the product using your diagram.

c. Show how your diagram process corresponds to the standard numerical process.

3. a. Draw an *area* diagram to show $1\frac{2}{3} \times 2\frac{3}{4}$

b. Explain how to find the product using your diagram.

c. Show how your diagram process corresponds to the standard numerical process.

5. Go to the web sites linked from our web site to see some different ways of showing mixed number multiplication.

a. Which web sites are best at explaining why the strategies work and make sense? (Explain—give specific examples)

b. Which web sites are best at providing connections to understand multiplying mixed numbers in different ways? (Explain—give specific examples)