Turkey and Potatoes
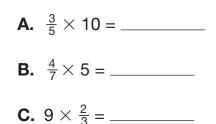
1. Use models, drawings, number lines, mental math, or paper and pencil to solve the problems.

    A. $\frac{3}{5} \times 10 =$ _____

    B. $\frac{4}{7} \times 5 =$ _____

    C. $9 \times \frac{2}{3} =$ _____

2. Show or tell how to solve $\frac{2}{5} \times 3$ using fraction circle pieces, a drawing, or a number line. Include a number sentence.

3. This mashed potatoes recipe serves 4. Change it so that it will serve 16. Include number sentences. Write your answers in simplest form. Do not leave any improper fractions.

Mashed Potatoes

Original Recipe Serves ____4____	Revised Recipe Serves ____16____
$1\frac{1}{2}$ pounds of potatoes	
$\frac{2}{3}$ teaspoon of salt	
$\frac{1}{4}$ cup of cream	
$\frac{1}{8}$ cup of butter	

4. Luis's mother is cooking a turkey. The turkey needs to cook $\frac{3}{4}$ of an hour for every pound it weighs.

    A. Complete the table.

Turkey Cooking Time

Number of Pounds	Number of Hours
10	$10 \times \frac{3}{4} =$
11	$11 \times \frac{3}{4} =$
12	$12 \times \frac{3}{4} =$
13	$13 \times \frac{3}{4} =$
14	$14 \times \frac{3}{4} =$
15	$15 \times \frac{3}{4} =$

    B. How long does Luis's mother need to cook a 12-pound turkey? Write your answer in simplest form. Do not leave any improper fractions.

    C. Solve $12 \times \frac{3}{4}$ another way to check your answer in Question 4B. Show your work. Include a number sentence.

Name _____ Date _____

Turkey and Potatoes Feedback Box	Expec-tation	Check In	Comments
Represent the simplest form of a fraction. [Q# 3, 4B]	E2		
Represent multiplication of fractions with area models, number lines, number sentences, and drawings. [Q# 2]	E3		
Multiply fractions using area models, drawings, and number lines. [Q# 1–4]	E4		
Solve word problems involving multiplication of fractions. [Q# 3–4]	E5		

	Yes . . .	Yes, but . . .	No, but . . .	No. . .
MPE2. **Find a strategy.** I choose good tools and an efficient strategy for solving the problem [Q# 1–4]				
MPE4. **Check My Calculations.** If I make mistakes, I correct them.				
MPE5. **Show my work.** I show or tell how I arrived at my answer so someone else can understand my thinking.				