

Name \_\_\_\_\_

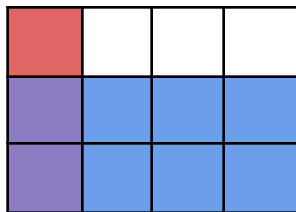
Date \_\_\_\_\_

**Grade 5 - Unit 4 - CFA #3 - Multiply Fraction by Fraction**

**5.NF.4 I can multiply fractions by fractions.**

1. Multiply the following. Make sure the answer is in the simplest form.

A. Write and solve a number sentence to go with the model:



\_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

B.

$$\frac{4}{5} \times \frac{3}{8}$$

C.

$$\frac{2}{3} \times 2\frac{1}{4}$$

D.

$$1\frac{1}{5} \times 3\frac{3}{4}$$

**Grade 5 - Unit 4**  
**CFA #3 - Multiply Fractions by Fractions**  
[Student Misconceptions](#)

5.NF.4 I can multiply fractions by fractions		I can multiply fractions by fractions
Question	Proficiency Guidelines (Students must be proficient in <u>all</u> for overall proficiency)	Proficient?
1a	<ul style="list-style-type: none"> <li>Correctly set ups the equation  <math>\frac{1}{4} \times \frac{2}{3}</math> OR <math>\frac{2}{3} \times \frac{1}{4}</math></li> <li>Correctly multiples to get the answer  <math>\frac{2}{12}</math> <b>or</b> <math>\frac{1}{6}</math></li> </ul>	Yes    No
1b	<ul style="list-style-type: none"> <li>Correctly multiplies to get the answer <math>\frac{3}{10}</math></li> </ul>	

5.NF.4 I can multiply mixed numbers by mixed numbers		I can multiply mixed numbers by mixed numbers
Question	Proficiency Guidelines (Students must be proficient in <u>all</u> for overall proficiency)	Proficient?
1c	<ul style="list-style-type: none"> <li>Correctly multiplies to get the answer  <math>1\frac{1}{2}</math></li> </ul>	Yes    No
1d	<ul style="list-style-type: none"> <li>Correctly multiplies to get the answer  <math>4\frac{1}{2}</math></li> </ul>	