

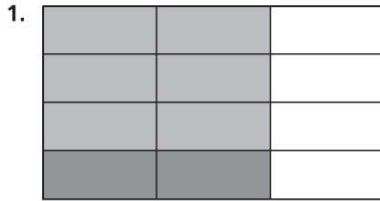
Name _____

Multiply Fractions

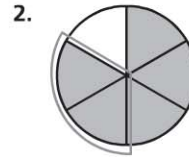
COMMON CORE STANDARD CC.5.NF.4b

Apply and extend previous understandings of multiplication and division to multiply and divide fractions.

Find the product.



$$\frac{1}{4} \times \frac{2}{3} = \frac{2}{12}, \text{ or } \frac{1}{6}$$



$$\frac{2}{5} \times \frac{5}{6} = \underline{\hspace{2cm}}$$

Find the product. Draw a model.

3. $\frac{4}{5} \times \frac{1}{2} = \underline{\hspace{2cm}}$

4. $\frac{3}{4} \times \frac{1}{3} = \underline{\hspace{2cm}}$

5. $\frac{3}{8} \times \frac{2}{3} = \underline{\hspace{2cm}}$

6. $\frac{3}{5} \times \frac{3}{5} = \underline{\hspace{2cm}}$

Problem Solving

7. Nora has a piece of ribbon that is $\frac{3}{4}$ yard long. She will use $\frac{1}{2}$ of it to make a bow. What length of the ribbon will she use for the bow?

8. Marlon bought $\frac{7}{8}$ pound of turkey at the deli. He used $\frac{2}{3}$ of it to make sandwiches for lunch. How much of the turkey did Marlon use for sandwiches?

Lesson Check (CC.5.NF.4b)

- Tina has $\frac{3}{5}$ pound of rice. She will use $\frac{2}{3}$ of it to make fried rice for her family. How much rice will Tina use to make fried rice?
 - $\frac{5}{8}$ pound
 - $\frac{3}{5}$ pound
 - $\frac{2}{5}$ pound
 - $\frac{1}{3}$ pound
- The Waterfall Trail is $\frac{3}{4}$ mile long. At $\frac{1}{6}$ of the distance from the trailhead, there is a lookout. In miles, how far is the lookout from the trailhead?
 - $\frac{1}{8}$ mile
 - $\frac{1}{4}$ mile
 - $\frac{4}{10}$ mile
 - $\frac{24}{3}$ miles

Spiral Review (CC.5.OA.1, CC.5.NF.1, CC.5.NF.2, CC.5.NF.4a)

- Hayden bought 48 new trading cards. Three-fourths of the new cards are baseball cards. How many baseball cards did Hayden buy? (Lesson 7.1)
 - 12
 - 16
 - 24
 - 36
- Yesterday, Annie walked $\frac{9}{10}$ mile to her friend's house. Together, they walked $\frac{1}{3}$ mile to the library. Which is the best estimate for how far Annie walked yesterday? (Lesson 6.3)
 - about $\frac{1}{2}$ mile
 - about 1 mile
 - about $1\frac{1}{2}$ miles
 - about 2 miles
- Erin is going to sew a jacket and a skirt. She needs $2\frac{3}{4}$ yards of material for the jacket and $1\frac{1}{2}$ yards of material for the skirt. Altogether, how many yards of material does Erin need? (Lesson 6.6)
 - $2\frac{3}{8}$ yards
 - $3\frac{1}{4}$ yards
 - $3\frac{7}{8}$ yards
 - $4\frac{1}{4}$ yards
- Which of the following expressions simplifies to 4? (Lesson 1.12)
 - $[(3 \times 6) - (5 \times 2)] + 7$
 - $[(3 \times 6) + (5 \times 2)] \div 7$
 - $[(3 \times 6) + (5 + 2)] - 7$
 - $[(3 \times 6) - (5 \times 2)] \times 7$