

Standards-Based Questions on Multiplying Fractions and Mixed Numbers

Standard: Solve real-world problems involving multiplication of fractions and mixed numbers.

Solve the equations. Show your work.

1. $\frac{1}{3} \times \frac{1}{3} =$

2. $\frac{2}{3} \times \frac{1}{6} =$

3. $4 \times \frac{1}{3} =$

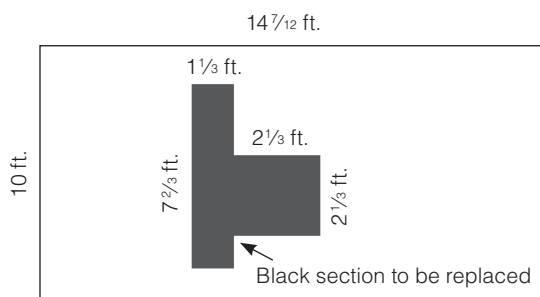
4. $6 \times \frac{1}{5} =$

5. $2\frac{1}{2} \times \frac{1}{2} =$

6. $5\frac{1}{4} \times 3\frac{1}{2} =$

7. Jennifer went to the store to buy some cereal that comes in $12\frac{1}{2}$ ounce boxes. Because they were on sale, she bought 6 boxes. How many total ounces did she buy?

8. Walt is interested in replacing the flooring in the center of the room. How many square feet will he need to replace? How much does not need to be replaced?



Source for standard: National Governors Association Center for Best Practices & Council of Chief State School Officers. (2010). Common Core State Standards for mathematics. Washington, DC: Authors. Accessed at www.corestandards.org/assets/CCSSI_Math%20Standards.pdf on date.