

HOMEWORK

Multiply. Use the GCF to simplify whenever possible.

1. $\frac{6}{10} \cdot \frac{4}{5} = \underline{\hspace{2cm}}$

2. $9 \cdot \frac{5}{6} = \underline{\hspace{2cm}}$

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

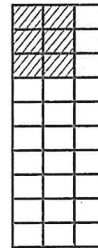
4. $\frac{2}{3} \cdot \frac{2}{5} = \underline{\hspace{2cm}}$

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

6. $3\frac{1}{4} \cdot 4\frac{2}{3} = \underline{\hspace{2cm}}$

Problem Solving

7. Of the students in the sixth grade class, $\frac{3}{10}$ have cell phones. Of the students in the sixth grade class with cell phones, $\frac{2}{3}$ have games on their phones. What fraction of students in the sixth grade class have cell phones and have games on their phones? Use the model.



8. A gallon of olive oil weighs $7\frac{3}{5}$ lb. Find the weight of $2\frac{1}{2}$ gallons of olive oil.

Write About It

9. Fiona says the only way to find $\frac{7}{10} \cdot \frac{5}{7}$ is to multiply the numerators 7 and 5 and the denominators 10 and 7. Do you agree? Explain.
