

3.12 Multiplying Fractions

Chapter 3: Factors, Multiples, and Fractions

Name: _____

Date: _____

Class/Period: _____

Problem 3.172 $\frac{2}{3} \cdot \frac{1}{5}$

Problem 3.175 $\frac{7}{8} \cdot \frac{1}{5}$

Problem 3.173 $\frac{9}{10} \cdot \frac{1}{10}$

Problem 3.176 $\frac{5}{6} \cdot \frac{1}{3}$

Problem 3.174 $\frac{1}{2} \cdot \frac{7}{11}$

Problem 3.177 $\frac{7}{10} \cdot \frac{3}{4}$

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Problem 3.178 $\frac{8}{9} \cdot \frac{4}{5}$

Problem 3.181 $1\frac{3}{5} \cdot \frac{1}{2}$

Problem 3.179 $\frac{5}{8} \cdot \frac{9}{11}$

Problem 3.182 $\frac{5}{8} \cdot 1\frac{1}{4}$

Problem 3.180 $\frac{3}{8} \cdot \frac{5}{6} \cdot \frac{4}{5}$

Problem 3.183 $4\frac{4}{5} \cdot 3\frac{1}{8}$

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Problem 3.184 Find $\frac{7}{12}$ of 36.

Problem 3.186 Sadie weighs $11\frac{5}{9}$ lb. Benson weighs $1\frac{5}{16}$ times as much. Find Benson's weight.

Problem 3.185 A batch uses $3\frac{1}{4}$ cups of flour. Find the flour needed for $1\frac{2}{3}$ batches.

Problem 3.187 Without computing exactly, decide whether $\frac{11}{12} \cdot \frac{17}{18}$ is greater than or less than $\frac{11}{12}$. Explain.