Name _____ Date Answer Key

Multiply and Divide Positive and Negative Fractions and Mixed Numbers

Directions: Find each product or quotient. Write your answer in simplest form.

1. $-\frac{1}{5} \cdot \frac{3}{4}$	2. $\frac{1}{4} \div \frac{5}{6}$	3. $\frac{4}{5} \cdot \left(-\frac{2}{3}\right)$
$-\frac{3}{20}$	$\frac{3}{10}$	$-\frac{8}{15}$
4. $-\frac{3}{8} \cdot \left(-\frac{1}{2}\right)$	5. $\frac{2}{3} \div \left(-\frac{1}{6}\right)$	6. $\frac{3}{4} \cdot \frac{8}{9}$
$\frac{3}{16}$	-4	$\frac{2}{3}$
7. $-\frac{5}{12} \div \frac{3}{10}$	8. $-\frac{3}{8} \div \left(-\frac{9}{10}\right)$	9. $-\frac{7}{10} \cdot \left(-\frac{4}{5}\right)$
$-1\frac{7}{18}$	$\frac{5}{12}$	$\frac{14}{25}$
10. $\frac{4}{5} \div \left(-1\frac{3}{4}\right)$	11. $-2\frac{1}{2} \cdot \frac{2}{3}$	12. $-2\frac{1}{3} \div \left(-\frac{5}{9}\right)$
$-\frac{16}{35}$	$-1\frac{2}{3}$	$4\frac{1}{5}$
13. $-3\frac{1}{4} \div 2\frac{3}{4}$	14. $-2\frac{5}{6} \cdot 2\frac{1}{2}$	15. $-2\frac{2}{3} \cdot \left(-1\frac{4}{5}\right)$
$-1\frac{2}{11}$	$-7\frac{1}{12}$	$4\frac{4}{5}$