

Diagnostic: Multiply Fractions

Date _____

Find each product.

1) $\left(\frac{5}{8}\right)\left(\frac{16}{9}\right)$

2) $\left(4\frac{1}{3}\right)\left(5\frac{5}{6}\right)$

3) $\left(\frac{1}{2}\right)\left(\frac{1}{3}\right)$

4) $\left(\frac{1}{3}\right)\left(\frac{3}{2}\right)$

5) $3\frac{6}{7} \cdot 5\frac{1}{3}$

6) $\frac{3}{7} \cdot \frac{7}{4}$

7) $\left(-2\frac{3}{10}\right)\left(-2\frac{7}{10}\right)$

8) $\left(1\frac{1}{2}\right)\left(\frac{1}{9}\right)$

9) $\left(4\frac{4}{5}\right)\left(\frac{5}{4}\right)$

10) $\left(\frac{3}{4}\right)\left(-\frac{1}{4}\right)\left(-\frac{1}{4}\right)$

Answers to Diagnostic: Multiply Fractions

1) $1\frac{1}{9}$

5) $20\frac{4}{7}$

9) 6

2) $25\frac{5}{18}$

6) $\frac{3}{4}$

10) $\frac{3}{64}$

3) $\frac{1}{6}$

7) $6\frac{21}{100}$

4) $\frac{1}{2}$

8) $\frac{1}{6}$