



Estimating Fractions: Product/Quotient

Name _____

Score _____

EN:50

Estimate the product or quotient by rounding each mixed fraction to the nearest whole number.

1) $15\frac{2}{5} \div 2\frac{3}{4}$

$15 \div 3 = 5$

6) $13\frac{4}{6} \times 19\frac{5}{6}$

2) $4\frac{12}{25} \times 7\frac{10}{23}$

7) $18\frac{7}{18} \div 3\frac{2}{11}$

3) $6\frac{1}{9} \div 1\frac{5}{8}$

8) $8\frac{3}{4} \times 9\frac{1}{3}$

4) $2\frac{7}{10} \times 11\frac{3}{10}$

9) $14\frac{6}{19} \div 7\frac{5}{14}$

5) $21\frac{6}{7} \div 1\frac{9}{11}$

10) $5\frac{3}{8} \times 10\frac{1}{12}$



Answer key

EN:50

Estimate the product or quotient by rounding each mixed fraction to the nearest whole number.

1) $15\frac{2}{5} \div 2\frac{3}{4}$

 $15 \div 3 = 5$

6) $13\frac{4}{6} \times 19\frac{5}{6}$

 $14 \times 20 = 280$

2) $4\frac{12}{25} \times 7\frac{10}{23}$

 $4 \times 7 = 28$

7) $18\frac{7}{18} \div 3\frac{2}{11}$

 $18 \div 3 = 6$

3) $6\frac{1}{9} \div 1\frac{5}{8}$

 $6 \div 2 = 3$

8) $8\frac{3}{4} \times 9\frac{1}{3}$

 $9 \times 9 = 81$

4) $2\frac{7}{10} \times 11\frac{3}{10}$

 $3 \times 11 = 33$

9) $14\frac{6}{19} \div 7\frac{5}{14}$

 $14 \div 7 = 2$

5) $21\frac{6}{7} \div 1\frac{9}{11}$

 $22 \div 2 = 11$

10) $5\frac{3}{8} \times 10\frac{1}{12}$

 $5 \times 10 = 50$