



Estimating Fractions: Product/Quotient

Name _____

Score _____

EN:51

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

1) $13\frac{1}{4} \times 10\frac{2}{9}$

$13 \times 10 = 130$

6) $9\frac{7}{10} \times 8\frac{9}{12}$

2) $21\frac{8}{11} \div 11\frac{4}{15}$

7) $15\frac{7}{8} \div 1\frac{6}{8}$

3) $15\frac{5}{14} \times 7\frac{10}{21}$

8) $9\frac{5}{7} \div 2\frac{1}{5}$

4) $35\frac{5}{6} \div 3\frac{5}{6}$

9) $19\frac{9}{17} \div 1\frac{12}{17}$

5) $10\frac{1}{3} \times 16\frac{3}{4}$

10) $5\frac{3}{16} \times 5\frac{4}{13}$



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Answer key

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

1) $13\frac{1}{4} \times 10\frac{2}{9}$

$13 \times 10 = 130$

6) $9\frac{7}{10} \times 8\frac{9}{12}$

$10 \times 9 = 90$

2) $21\frac{8}{11} \div 11\frac{4}{15}$

$22 \div 11 = 2$

7) $15\frac{7}{8} \div 1\frac{6}{8}$

$16 \div 2 = 8$

3) $15\frac{5}{14} \times 7\frac{10}{21}$

$15 \times 7 = 105$

8) $9\frac{5}{7} \div 2\frac{1}{5}$

$10 \div 2 = 5$

4) $35\frac{5}{6} \div 3\frac{5}{6}$

$36 \div 4 = 9$

9) $19\frac{9}{17} \div 1\frac{12}{17}$

$20 \div 2 = 10$

5) $10\frac{1}{3} \times 16\frac{3}{4}$

$10 \times 17 = 170$

10) $5\frac{3}{16} \times 5\frac{4}{13}$

$5 \times 5 = 25$