

Worksheet

05/14/2018

Free on dw-math.com

Problem quickname: 5220

1)

Calculate the result and reduce it to lowest terms.

Quick:
5220

$$\begin{array}{lll} \text{a) } \frac{5}{8} \div 4 = \frac{5}{32} = \frac{5}{32} & \text{b) } \frac{2}{7} \div 3 = \frac{2}{21} = \frac{2}{21} & \text{c) } \frac{1}{3} \div 3 = \frac{1}{9} = \frac{1}{9} \\ \text{d) } \frac{3}{8} \div 5 = \frac{3}{40} = \frac{3}{40} & \text{e) } \frac{8}{9} \div 2 = \frac{8}{18} = \frac{4}{9} & \text{f) } \frac{8}{9} \div 4 = \frac{8}{36} = \frac{2}{9} \\ \text{g) } \frac{5}{8} \div 3 = \frac{5}{24} = \frac{5}{24} & \text{h) } \frac{2}{3} \div 2 = \frac{2}{6} = \frac{1}{3} & \text{i) } \frac{1}{4} \div 4 = \frac{1}{16} = \frac{1}{16} \\ \text{j) } \frac{7}{9} \div 4 = \frac{7}{36} = \frac{7}{36} \end{array}$$

2)

Calculate the result and reduce it to lowest terms.

Quick:
5220

$$\begin{array}{lll} \text{a) } \frac{9}{7} \div 3 = \frac{9}{21} = \frac{3}{7} = \frac{3}{7} & \text{b) } \frac{15}{2} \div 5 = \frac{15}{10} = \frac{3}{2} = 1\frac{1}{2} & \\ \text{c) } \frac{2}{1} \div 2 = \frac{2}{2} = \frac{1}{1} = 1 & \text{d) } \frac{1}{8} \div 6 = \frac{1}{48} = \frac{1}{48} = \frac{1}{48} & \text{e) } \frac{1}{3} \div 2 = \frac{1}{6} = \frac{1}{6} = \frac{1}{6} \\ \text{f) } \frac{5}{8} \div 2 = \frac{5}{16} = \frac{5}{16} = \frac{5}{16} & \text{g) } \frac{5}{8} \div 2 = \frac{5}{16} = \frac{5}{16} = \frac{5}{16} & \\ \text{h) } \frac{2}{5} \div 5 = \frac{2}{25} = \frac{2}{25} = \frac{2}{25} & \text{i) } \frac{10}{13} \div 5 = \frac{10}{65} = \frac{2}{13} = \frac{2}{13} & \\ \text{j) } \frac{3}{5} \div 8 = \frac{3}{40} = \frac{3}{40} = \frac{3}{40} \end{array}$$

3)

Calculate the result and reduce it to lowest terms.

Quick:
5220

$$\begin{array}{lll} \text{a) } \frac{19}{24} \div 13 = \frac{19}{312} = \frac{19}{312} & \text{b) } \frac{16}{25} \div 4 = \frac{16}{100} = \frac{4}{25} & \text{c) } \frac{1}{11} \div 12 = \frac{1}{132} = \frac{1}{132} \\ \text{d) } \frac{4}{23} \div 2 = \frac{4}{46} = \frac{2}{23} & \text{e) } \frac{22}{29} \div 11 = \frac{22}{319} = \frac{2}{29} & \text{f) } \frac{5}{14} \div 5 = \frac{5}{70} = \frac{1}{14} \\ \text{g) } \frac{4}{7} \div 4 = \frac{4}{28} = \frac{1}{7} & \text{h) } \frac{3}{22} \div 6 = \frac{3}{132} = \frac{1}{44} & \text{i) } \frac{8}{23} \div 2 = \frac{8}{46} = \frac{4}{23} \\ \text{j) } \frac{4}{15} \div 4 = \frac{4}{60} = \frac{1}{15} \end{array}$$

4)

Calculate the result and reduce it to lowest terms.

a) $\frac{15}{4} \div 3 = \frac{15}{12} = \frac{5}{4} = 1\frac{1}{4}$

b) $\frac{4}{3} \div 2 = \frac{4}{6} = \frac{2}{3} = \frac{2}{3}$

c) $\frac{5}{6} \div 5 = \frac{5}{30} = \frac{1}{6} = \frac{1}{6}$

d) $\frac{4}{5} \div 2 = \frac{4}{10} = \frac{2}{5} = \frac{2}{5}$

e) $\frac{1}{1} \div 5 = \frac{1}{5} = \frac{1}{5} = \frac{1}{5}$

f) $\frac{7}{5} \div 5 = \frac{7}{25} = \frac{7}{25} = \frac{7}{25}$

g) $\frac{9}{8} \div 3 = \frac{9}{24} = \frac{3}{8} = \frac{3}{8}$

h) $\frac{17}{19} \div 3 = \frac{17}{57} = \frac{17}{57} = \frac{17}{57}$

i) $\frac{1}{17} \div 10 = \frac{1}{170} = \frac{1}{170} = \frac{1}{170}$

j) $\frac{9}{14} \div 3 = \frac{9}{42} = \frac{3}{14} = \frac{3}{14}$

Good Luck!