

Worksheet

05/14/2018

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Problem quickname: 5220

1)

Calculate the result and reduce it to lowest terms.

Quick:
5220

$$\begin{array}{lll} \text{a) } \frac{2}{9} \div 4 = \frac{2}{36} = \frac{1}{18} & \text{b) } \frac{2}{9} \div 2 = \frac{2}{18} = \frac{1}{9} & \text{c) } \frac{3}{5} \div 2 = \frac{3}{10} = \frac{3}{10} \\ \text{d) } \frac{1}{5} \div 2 = \frac{1}{10} = \frac{1}{10} & \text{e) } \frac{3}{5} \div 2 = \frac{3}{10} = \frac{3}{10} & \text{f) } \frac{7}{9} \div 4 = \frac{7}{36} = \frac{7}{36} \\ \text{g) } \frac{4}{5} \div 4 = \frac{4}{20} = \frac{1}{5} & \text{h) } \frac{4}{9} \div 2 = \frac{4}{18} = \frac{2}{9} & \text{i) } \frac{4}{7} \div 2 = \frac{4}{14} = \frac{2}{7} \\ \text{j) } \frac{4}{7} \div 2 = \frac{4}{14} = \frac{2}{7} \end{array}$$

2)

Calculate the result and reduce it to lowest terms.

Quick:
5220

$$\begin{array}{ll} \text{a) } \frac{11}{7} \div 7 = \frac{11}{49} = \frac{11}{49} = \frac{11}{49} & \text{b) } \frac{9}{8} \div 2 = \frac{9}{16} = \frac{9}{16} = \frac{9}{16} \\ \text{c) } \frac{19}{17} \div 4 = \frac{19}{68} = \frac{19}{68} = \frac{19}{68} & \text{d) } \frac{2}{15} \div 4 = \frac{2}{60} = \frac{1}{30} = \frac{1}{30} \\ \text{e) } \frac{4}{3} \div 5 = \frac{4}{15} = \frac{4}{15} = \frac{4}{15} & \text{f) } \frac{10}{11} \div 2 = \frac{10}{22} = \frac{5}{11} = \frac{5}{11} \\ \text{g) } \frac{3}{1} \div 2 = \frac{3}{2} = \frac{3}{2} = 1\frac{1}{2} & \text{h) } \frac{17}{9} \div 7 = \frac{17}{63} = \frac{17}{63} = \frac{17}{63} \\ \text{i) } \frac{3}{4} \div 3 = \frac{3}{12} = \frac{1}{4} = \frac{1}{4} & \text{j) } \frac{19}{16} \div 4 = \frac{19}{64} = \frac{19}{64} = \frac{19}{64} \end{array}$$

3)

Calculate the result and reduce it to lowest terms.

Quick:
5220

$$\begin{array}{lll} \text{a) } \frac{16}{25} \div 8 = \frac{16}{200} = \frac{2}{25} & \text{b) } \frac{10}{27} \div 2 = \frac{10}{54} = \frac{5}{27} & \text{c) } \frac{11}{27} \div 14 = \frac{11}{378} = \frac{11}{378} \\ \text{d) } \frac{17}{22} \div 4 = \frac{17}{88} = \frac{17}{88} & \text{e) } \frac{9}{29} \div 3 = \frac{9}{87} = \frac{3}{29} & \text{f) } \frac{13}{28} \div 10 = \frac{13}{280} = \frac{13}{280} \\ \text{g) } \frac{14}{27} \div 7 = \frac{14}{189} = \frac{2}{27} & \text{h) } \frac{18}{25} \div 3 = \frac{18}{75} = \frac{6}{25} & \text{i) } \frac{3}{22} \div 6 = \frac{3}{132} = \frac{1}{44} \\ \text{j) } \frac{1}{6} \div 2 = \frac{1}{12} = \frac{1}{12} \end{array}$$

4)

Calculate the result and reduce it to lowest terms.

a) $\frac{8}{11} \div 2 = \frac{8}{22} = \frac{4}{11} = \frac{4}{11}$

b) $\frac{1}{1} \div 7 = \frac{1}{7} = \frac{1}{7} = \frac{1}{7}$

c) $\frac{2}{13} \div 8 = \frac{2}{104} = \frac{1}{52} = \frac{1}{52}$

d) $\frac{2}{1} \div 5 = \frac{2}{5} = \frac{2}{5} = \frac{2}{5}$

e) $\frac{5}{4} \div 3 = \frac{5}{12} = \frac{5}{12} = \frac{5}{12}$

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

g) $\frac{3}{5} \div 3 = \frac{3}{15} = \frac{1}{5} = \frac{1}{5}$

h) $\frac{3}{14} \div 9 = \frac{3}{126} = \frac{1}{42} = \frac{1}{42}$

i) $\frac{11}{12} \div 5 = \frac{11}{60} = \frac{11}{60} = \frac{11}{60}$

j) $\frac{16}{13} \div 4 = \frac{16}{52} = \frac{4}{13} = \frac{4}{13}$

Good Luck!