

Worksheet

05/14/2018

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Problem quickname: 5949

1)

Fill in the missing fractions.

Quick:
5949

$$\begin{array}{lll} \text{a) } \frac{2}{77} \div \frac{39}{71} = \frac{142}{3003} & \text{b) } \frac{43}{92} \div \frac{82}{93} = \frac{3999}{7544} & \text{c) } \frac{25}{83} \div \frac{25}{46} = \frac{46}{83} \\ \text{d) } \frac{16}{71} \div \frac{89}{96} = \frac{1536}{6319} & \text{e) } \frac{5}{29} \div \frac{79}{94} = \frac{470}{2291} & \text{f) } \frac{59}{93} \div \frac{68}{91} = \frac{5369}{6324} \\ \text{g) } \frac{1}{71} \div \frac{33}{74} = \frac{74}{2343} & \text{h) } \frac{2}{7} \div \frac{59}{99} = \frac{198}{413} & \text{i) } \frac{33}{95} \div \frac{4}{9} = \frac{297}{380} \\ \text{j) } \frac{9}{98} \div \frac{13}{75} = \frac{675}{1274} & & \end{array}$$

2)

Fill in the missing fractions.

Quick:
5949

$$\begin{array}{lll} \text{a) } \frac{7}{17} \div \frac{11}{17} = \frac{7}{11} & \text{b) } \frac{1}{20} \div \frac{1}{3} = \frac{3}{20} & \text{c) } \frac{3}{16} \div \frac{5}{19} = \frac{57}{80} \\ \text{d) } \frac{4}{15} \div \frac{14}{17} = \frac{34}{105} & \text{e) } \frac{5}{16} \div \frac{15}{17} = \frac{17}{48} & \text{f) } \frac{2}{15} \div \frac{13}{20} = \frac{8}{39} \\ \text{g) } \frac{10}{17} \div \frac{16}{19} = \frac{95}{136} & \text{h) } \frac{13}{15} \div \frac{17}{19} = \frac{247}{255} & \text{i) } \frac{3}{8} \div \frac{7}{16} = \frac{6}{7} \\ \text{j) } \frac{5}{7} \div \frac{16}{19} = \frac{95}{112} & & \end{array}$$

3)

Fill in the missing fractions.

Quick:
5949

$$\begin{array}{lll} \text{a) } \frac{15}{23} \div \frac{23}{24} = \frac{360}{529} & \text{b) } 1\frac{1}{5} \div \frac{2}{13} = 7\frac{4}{5} & \text{c) } 1\frac{1}{4} \div \frac{4}{15} = 4\frac{11}{16} \\ \text{d) } \frac{4}{23} \div \frac{13}{15} = \frac{60}{299} & \text{e) } \frac{16}{29} \div \frac{9}{13} = \frac{208}{261} & \text{f) } 2\frac{2}{3} \div \frac{4}{9} = 6 \\ \text{g) } 2\frac{1}{11} \div \frac{7}{12} = 3\frac{45}{77} & \text{h) } 1\frac{8}{15} \div 1\frac{3}{10} = 1\frac{7}{39} & \text{i) } \frac{3}{5} \div \frac{1}{2} = 1\frac{1}{5} \\ \text{j) } \frac{28}{29} \div 1\frac{1}{18} = \frac{504}{551} & & \end{array}$$

4)

Fill in the missing fractions.

Quick:
5949

$$\begin{array}{llll} \text{a) } \frac{18}{11} \div \frac{3}{4} = 2\frac{2}{11} & \text{b) } \frac{4}{5} \div \frac{3}{4} = 1\frac{1}{15} & \text{c) } \frac{13}{15} \div \frac{14}{11} = \frac{143}{210} & \text{d) } \frac{7}{4} \div \frac{7}{4} = 1 \end{array}$$

Solutions to smp-5949-1/YYGP

$$\text{e) } \frac{10}{11} \div \frac{1}{18} = 16\frac{4}{11}$$

$$\text{f) } \frac{11}{3} \div \frac{3}{16} = 19\frac{5}{9}$$

$$\text{g) } \frac{7}{18} \div \frac{17}{9} = \frac{7}{34}$$

$$\text{h) } \frac{19}{17} \div \frac{11}{10} = 1\frac{3}{187}$$

$$\text{i) } \frac{5}{13} \div \frac{3}{2} = \frac{10}{39}$$

$$\text{j) } \frac{12}{5} \div \frac{11}{9} = 1\frac{53}{55}$$

Good Luck!