

# Worksheet

05/06/2018

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Problem quickname: 5814

1)

Reduce the fraction by the given number.

Quick:  
5814

$$\begin{array}{lll} \text{a) } \frac{3}{12} \text{ by } 3 & = \frac{1}{4} & \text{b) } \frac{6}{8} \text{ by } 2 & = \frac{3}{4} & \text{c) } \frac{5}{10} \text{ by } 5 & = \frac{1}{2} \\ \text{d) } \frac{10}{12} \text{ by } 2 & = \frac{5}{6} & & & & \end{array}$$

2)

Reduce the fraction by the given number.

Quick:  
5814

$$\begin{array}{lll} \text{a) } \frac{2}{8} \text{ by } 2 & = \frac{1}{4} & \text{b) } \frac{6}{15} \text{ by } 3 & = \frac{2}{5} & \text{c) } \frac{3}{12} \text{ by } 3 & = \frac{1}{4} \\ \text{d) } \frac{5}{15} \text{ by } 5 & = \frac{1}{3} & \text{e) } \frac{2}{4} \text{ by } 2 & = \frac{1}{2} & \text{f) } \frac{8}{12} \text{ by } 4 & = \frac{2}{3} \\ \text{g) } \frac{7}{14} \text{ by } 7 & = \frac{1}{2} & \text{h) } \frac{4}{6} \text{ by } 2 & = \frac{2}{3} & \text{i) } \frac{4}{16} \text{ by } 4 & = \frac{1}{4} \\ \text{j) } \frac{10}{18} \text{ by } 2 & = \frac{5}{9} & & & & \end{array}$$

3)

Reduce the fraction by the given number.

Quick:  
5814

$$\begin{array}{lll} \text{a) } \frac{22}{70} \text{ by } 2 & = \frac{11}{35} & \text{b) } \frac{33}{63} \text{ by } 3 & = \frac{11}{21} & \text{c) } \frac{27}{63} \text{ by } 9 & = \frac{3}{7} \\ \text{d) } \frac{52}{70} \text{ by } 2 & = \frac{26}{35} & \text{e) } \frac{24}{28} \text{ by } 4 & = \frac{6}{7} & \text{f) } \frac{82}{94} \text{ by } 2 & = \frac{41}{47} \\ \text{g) } \frac{3}{30} \text{ by } 3 & = \frac{1}{10} & \text{h) } \frac{60}{64} \text{ by } 4 & = \frac{15}{16} & \text{i) } \frac{2}{62} \text{ by } 2 & = \frac{1}{31} \\ \text{j) } \frac{20}{35} \text{ by } 5 & = \frac{4}{7} & & & & \end{array}$$

4)

Reduce the fraction by the given number.

Quick:  
5814

$$\begin{array}{lll} \text{a) } \frac{4}{24} \text{ by } 4 & = \frac{1}{6} & \text{b) } \frac{12}{15} \text{ by } 3 & = \frac{4}{5} & \text{c) } \frac{24}{27} \text{ by } 3 & = \frac{8}{9} \\ \text{d) } \frac{8}{32} \text{ by } 8 & = \frac{1}{4} & \text{e) } \frac{6}{9} \text{ by } 3 & = \frac{2}{3} & \text{f) } \frac{15}{25} \text{ by } 5 & = \frac{3}{5} \\ \text{g) } \frac{16}{26} \text{ by } 2 & = \frac{8}{13} & \text{h) } \frac{28}{38} \text{ by } 2 & = \frac{14}{19} & \text{i) } \frac{22}{24} \text{ by } 2 & = \frac{11}{12} \\ \text{j) } \frac{6}{21} \text{ by } 3 & = \frac{2}{7} & & & & \end{array}$$

Good Luck!