

Name: _____

Class/Set: _____

Cancelling Fractions, Equivalent Fractions

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1: Cancel down the following fractions:

a) $\frac{4}{18} = \underline{\hspace{2cm}}$ b) $\frac{21}{27} = \underline{\hspace{2cm}}$ c) $\frac{25}{40} = \underline{\hspace{2cm}}$ d) $\frac{16}{20} = \underline{\hspace{2cm}}$

e) $\frac{45}{50} = \underline{\hspace{2cm}}$ f) $\frac{9}{24} = \underline{\hspace{2cm}}$ g) $\frac{2}{14} = \underline{\hspace{2cm}}$ h) $\frac{32}{36} = \underline{\hspace{2cm}}$

2: Cancel down the following fractions:

a) $\frac{6}{18} = \underline{\hspace{2cm}}$ b) $\frac{36}{81} = \underline{\hspace{2cm}}$ c) $\frac{30}{70} = \underline{\hspace{2cm}}$ d) $\frac{49}{70} = \underline{\hspace{2cm}}$

e) $\frac{16}{24} = \underline{\hspace{2cm}}$ f) $\frac{50}{90} = \underline{\hspace{2cm}}$ g) $\frac{24}{42} = \underline{\hspace{2cm}}$ h) $\frac{18}{45} = \underline{\hspace{2cm}}$

3: Cancel down the following fractions:

a) $\frac{39}{48} = \underline{\hspace{2cm}}$ b) $\frac{10}{95} = \underline{\hspace{2cm}}$ c) $\frac{22}{24} = \underline{\hspace{2cm}}$ d) $\frac{4}{76} = \underline{\hspace{2cm}}$

e) $\frac{15}{80} = \underline{\hspace{2cm}}$ f) $\frac{12}{38} = \underline{\hspace{2cm}}$ g) $\frac{27}{51} = \underline{\hspace{2cm}}$ h) $\frac{24}{52} = \underline{\hspace{2cm}}$

4: Fill in the missing number:

a) $\frac{6}{7} = \frac{\quad}{42}$ b) $\frac{7}{8} = \frac{\quad}{32}$ c) $\frac{1}{8} = \frac{\quad}{64}$ d) $\frac{1}{6} = \frac{\quad}{12}$ e) $\frac{1}{2} = \frac{\quad}{20}$ f) $\frac{3}{5} = \frac{\quad}{25}$

g) $\frac{1}{4} = \frac{\quad}{36}$ h) $\frac{5}{7} = \frac{\quad}{21}$ i) $\frac{1}{10} = \frac{\quad}{70}$ j) $\frac{2}{7} = \frac{\quad}{56}$ k) $\frac{3}{10} = \frac{\quad}{60}$ l) $\frac{5}{6} = \frac{\quad}{60}$

m) $\frac{3}{4} = \frac{\quad}{16}$ n) $\frac{1}{5} = \frac{\quad}{10}$ o) $\frac{1}{9} = \frac{\quad}{81}$ p) $\frac{8}{9} = \frac{\quad}{45}$ q) $\frac{3}{8} = \frac{\quad}{24}$ r) $\frac{5}{8} = \frac{\quad}{56}$

Answers: Cancelling Fractions, Equivalent Fractions

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1: a) $\frac{2}{9}$ b) $\frac{7}{9}$ c) $\frac{5}{8}$ d) $\frac{4}{5}$
e) $\frac{9}{10}$ f) $\frac{3}{8}$ g) $\frac{1}{7}$ h) $\frac{8}{9}$

2: a) $\frac{1}{3}$ b) $\frac{4}{9}$ c) $\frac{3}{7}$ d) $\frac{7}{10}$
e) $\frac{2}{3}$ f) $\frac{5}{9}$ g) $\frac{4}{7}$ h) $\frac{2}{5}$

3: a) $\frac{13}{16}$ b) $\frac{2}{19}$ c) $\frac{11}{12}$ d) $\frac{1}{19}$
e) $\frac{3}{16}$ f) $\frac{6}{19}$ g) $\frac{9}{17}$ h) $\frac{6}{13}$

4: a) $\frac{36}{42}$ b) $\frac{28}{32}$ c) $\frac{8}{64}$ d) $\frac{2}{12}$ e) $\frac{10}{20}$ f) $\frac{15}{25}$
g) $\frac{9}{36}$ h) $\frac{15}{21}$ i) $\frac{7}{70}$ j) $\frac{16}{56}$ k) $\frac{18}{60}$ l) $\frac{50}{60}$
m) $\frac{12}{16}$ n) $\frac{2}{10}$ o) $\frac{9}{81}$ p) $\frac{40}{45}$ q) $\frac{9}{24}$ r) $\frac{35}{56}$