Simplifying Fractions and Equivalent Fractions Quiz Practice Tuesday, December 9, 2014

Simplify the Following Fractions

$\overset{\div 5}{\dfrac{5}{15}} = \dfrac{1}{3}$ ÷5	$\overset{\div 4}{\dfrac{8}{12}} = \dfrac{2}{3}$ ÷4
$\dfrac{8}{33}$ Already in lowest terms.	$\overset{\div 2}{\dfrac{12}{48}} = \dfrac{6}{24} = \dfrac{1}{4}$ ÷2 ÷6
$\overset{\div 3}{\dfrac{3}{21}} = \dfrac{1}{7}$ ÷3	$\overset{\div 7}{\dfrac{7}{42}} = \dfrac{1}{6}$ ÷7
$\overset{\div 2}{\dfrac{14}{20}} = \dfrac{7}{10}$ ÷2	$\overset{\div 10}{\dfrac{20}{80}} = \dfrac{2}{8} = \dfrac{1}{4}$ ÷10 ÷2
$\overset{\div 10}{\dfrac{10}{60}} = \dfrac{1}{6}$ ÷10	$\overset{\div 2}{\dfrac{32}{40}} = \dfrac{16}{20} = \dfrac{4}{5}$ ÷2 ÷4

Complete the Equivalent Fractions

a) $\overset{\times 2}{\dfrac{\boxed{4}}{5}} = \dfrac{8}{10}$ ×2

b) $\overset{\times 4}{\dfrac{12}{28}} = \dfrac{3}{\boxed{7}}$ ÷4

c) $\overset{\times 10}{\dfrac{10}{30}} = \dfrac{\boxed{1}}{3}$ ×10

d) $\overset{\times 5}{\dfrac{8}{11}} = \dfrac{\boxed{40}}{55}$ ×5

e) $\overset{\times 2}{\dfrac{10}{\boxed{4}}} = \dfrac{5}{2}$ ×2

f) $\overset{\times 7}{\dfrac{\boxed{10}}{12}} = \dfrac{70}{84}$ ×7

g) $\overset{\times 2}{\dfrac{\boxed{52}}{36}} = \dfrac{26}{18}$ ×2

h) $\overset{\times 5}{\dfrac{15}{30}} = \dfrac{3}{\boxed{6}}$ ×5

i) $\overset{\times 7}{\dfrac{11}{8}} = \dfrac{\boxed{77}}{56}$ ×7