

Name : _____
 Topic: Math – Equivalent Ratios

DIRECTIONS: Find the equivalent ratio.

a) $\boxed{\times \text{ ______}} \left(\begin{array}{c} 1 : 5 \\ \curvearrowright \end{array} \right) \boxed{\times \text{ ______}}$ $= \text{ ______} : 15$	e) $\boxed{\times \text{ ______}} \left(\begin{array}{c} 4 : 7 \\ \curvearrowright \end{array} \right) \boxed{\times \text{ ______}}$ $= 20 : \text{ ______}$
b) $\boxed{\times \text{ ______}} \left(\begin{array}{c} 9 : 3 \\ \curvearrowright \end{array} \right) \boxed{\times \text{ ______}}$ $= 36 : \text{ ______}$	f) $\boxed{\times \text{ ______}} \left(\begin{array}{c} 7 : 6 \\ \curvearrowright \end{array} \right) \boxed{\times \text{ ______}}$ $= \text{ ______} : 54$
c) $4 : 3 = \text{ ______} : 12$	g) $3 : 2 = 30 : \text{ ______}$
d) $8 : 9 = \text{ ______} : 63$	h) $6 : 4 = 42 : \text{ ______}$

DIRECTIONS: Write each ratio in its simplest form.

a) $\boxed{\div \text{ ______}} \left(\begin{array}{c} 25 : 20 \\ \curvearrowright \end{array} \right) \boxed{\div \text{ ______}}$ $= 5 : \text{ ______}$	e) $\boxed{\div \text{ ______}} \left(\begin{array}{c} 40 : 30 \\ \curvearrowright \end{array} \right) \boxed{\div \text{ ______}}$ $= \text{ ______} : 3$
b) $\boxed{\div \text{ ______}} \left(\begin{array}{c} 18 : 33 \\ \curvearrowright \end{array} \right) \boxed{\div \text{ ______}}$ $= 6 : \text{ ______}$	f) $\boxed{\div \text{ ______}} \left(\begin{array}{c} 48 : 42 \\ \curvearrowright \end{array} \right) \boxed{\div \text{ ______}}$ $= 8 : \text{ ______}$
c) $4 : 36 = \text{ ______} : \text{ ______}$	g) $35 : 45 = \text{ ______} : \text{ ______}$
d) $30 : 12 = \text{ ______} : \text{ ______}$	h) $49 : 7 = \text{ ______} : \text{ ______}$

DIRECTIONS: Answer each problem.

1) There were 45 blueberry muffins and 27 walnut muffins at the bakery. Find the ratio of the number of blueberry muffins to the number of walnut muffins. Write the ratio in its simplest form.

2) There were 15 dozens of plain eggs and 12 dozens of salted eggs at the grocery. What is the ratio of the number of plain eggs to the total number of eggs at the grocery. Write the ratio in its simplest form.