

Name _____ Date _____ Class _____

Lowest Common Multiple - L.C.M.

Find the L.C.M of the following sets of numbers using the repeated division method. (Use only prime factors to divide)

1. 3 and 8

L. C. M =

___ x ___ x ___ x ___ = ___

3, 8

2. 4 and 9

L. C. M =

___ x ___ x ___ x ___ x = ___

4, 9

3. 6 and 5

L. C. M =

___ x ___ x ___ = ___

6, 5

4. 8 and 12

L. C. M =

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

8, 12

5. 6 and 18

L. C. M =

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

6, 18

6. 8 and 10

L. C. M =

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

8, 10