

Name: _____

Grade: 8

Date: _____

HCF & LCM WORKSHEET

Complete the worksheet and return to teacher.

1. Express the given numbers as products of prime factors.

15 = _____

6 = _____

30 = _____

49 = _____

56 = _____

2. The lowest common multiple of 5 and 15 is 5. True or False. _____

3. The highest common factor of 20 and 15 is 5. True or False. _____

4. Calculate the highest common factor of the following:

a) 27 and 30

b) 18 and 56

c) 9 and 15

27 =
30 =
H.C.F. =

18 =
56 =
H.C.F. =

9 =
15 =
H.C.F. =

5. Calculate the lowest common multiple of the following.

a) 8 and 6

b) 5 and 4

c) 10 and 12

8 =
6 =
L.C.M. =

5 =
4 =
L.C.M. =

10 =
12 =
L.C.M. =