VIDYA SHREE ACADEMY
SR. SEC. SCHOOL
An English Medium Co.Ed. School | Science & Commerce

VSA
A Real English Medium School

Little Steps
Pre Primary wing of VSA

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Sub:Maths　　　　　class-5　　Topic-Multiples and Factors .

Do all questions of Exercise-5.2,one of each type is done for you.

EXERCISE 5.2

Use Cordova Smart Class Software on the smart board in class to do Exercise

1. Find out the factors of the given numbers.
   (i) 7　　(ii) 9　　(iii) 16
   (iv) 25　(v) 48　(vi) 63

2. Find out the common factors of the given numbers.
   (i) 8 and 12　(ii) 10 and 20　(iii) 7 and 16
   (iv) 18 and 32

3. Find out the highest common factor of 21 and 28.

4. Find out the highest number which can exactly divides 45 and 75.

5. Find out the highest common factor of 12, 18 and 24.

6. Find out the highest common factor of 15, 27 and 36.

7. Two milk containers filled with 20 litres and 30 litres of milk respectively. What will be the greatest measurement of a container that can measure total milk of both containers exactly?

MATHEMATICS-5

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CLASS—5

EX— 5.2 (chap—5)
FACTORS (HCF)

Q. 1.   find out the factors . — ‐ — no. 3 ?
(i)   7 —
        7 = 1×7 (1 and 7 are the factors)

(ii)   48 =   1×48=48 | 4×12 = 48
                  2×24 =48 | 6×8 = 48
                  3×16 =48 |
        factors are = 1, 2, 3, 4, 6, 8, 12, 16, 24, 48 .

Q. 2.   find out the common factors of the given no-s.
(i)   8 and 12 .
Ans   factors of 8 =   ⊁ 1, 2, 4, 8
        [8 = 1×8]
        [8 = 2×4]
        factor of 12 = 1, 2, 3, 4, 6, 12 ,
        Common factors = 1, 2, 4, .

Q. 3.   find out H-C-F of   21 and 28.
Ans   factors of 21 = ① 3, ⑦, 21 .
        factors of 28 = ① 2, 4, ⑦, 14, 28.

        Common factors = 1, 7,
        H-C-F =   7

C

Q.6. find out the H-C-F- of
15, 27 & 36.

Ans. factor of 15 are = ①③ 5, 15 .
factor of 27 are = ①③ 9, 27 .

factors of 36 = ①, 2 ③ 4, 6, 9, 12,
18, 36 .

Common factor are — 1, 3, .
H-C-F = 3 . Ans.

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