14	May	125
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-> HW: Last class HWs - Solve again

step by step! Verify your answers

with AC answers afterwards.

-> GCD/GCF (Greatest common divisor/factor)

Eg: a= 32 ; b=71

Factors of a: 1,2,4,8,16,32

Factors & bi

2,46,8,9,12,18,36,7

To find factors of a number (n): Since factors come in pairs, (Eg: 2x36 = 72, 50 60th 2136 erefactors (f 72) we only need to check from 1 to Vn to find all factors a n.

8 = 64 4 72 $\sqrt{72} = 8$ 92-81-72 89 we have to check 3 64272<81 600 72 to find all factors of 72. 3 2 172 2 $\sqrt{100} = 10$, Since 10 = 100If ax6 = 100 and a,6 \$ 10 then if a2/0 => 6>/0 are 1, 1, 4,5,10,20,25,50,100 10 X 10

-> See AI document on how to
And all the factors of a number
Cby checking up to it's sgrt
HD: Find all the factors of
(1) 76 (2) 128 (3) 82 (4) 96
(5) 63 (6) 42 (7) 88 (8) 120
HU: Find GCD Of
(1) 76 and 88 (4) 88 and 96
(2) 120 and 128 (5) 128 and 96
(3) 63 and 42 (6) 42 and 128