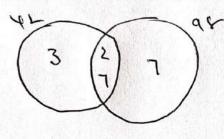


## QT LCM and HCF

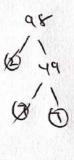
1. Write 210 as a product of its prime factors



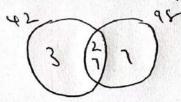
2. Find the highest common factor (HCF) of 42 and 98



HCF = 2+7



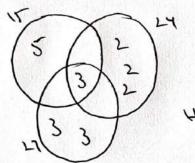
3. Find the lowest common multiple (LCM) of 42 and 98.



LCM = 2+3+7+7 LCM = 294



4. Find the highest common factor (HCF) of 15, 24 and 27



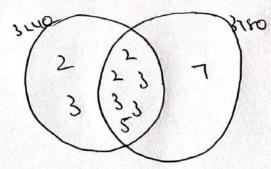


5. Find the lowest common multiple (LCM) of 15, 24 and 27

6. 
$$3240 = 2^3 \times 3^4 \times 5$$

$$3780 = 2^2 \times 3^3 \times 5 \times 7$$

- (i) Find the highest common factor (HCF) of 3240 and 3780
- (ii) Find the lowest common multiple (LCM) of 3240 and 3780



HCF = L+L+3+3+3+5 = 12680 = 12680

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Grade 4