**Intermediate Mathematics Formulas**

**COMMON MATH FORMULAS**

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| **AREA(A)** | Square | A = s2 | Where s = any side of the square |
|  | Rectangle | A = l \* w | Where l = length and w = width |
|  | Parallelogram | A = b \* h | Where b = base and h = height |
|  | Triangle | A = (1/2) \* b \* h | Where b = base and h = height |
|  | Circle | A = ₶ \* r2 | Where ₶ = 3.14 and r = radius |
|  | Trapezoid | A = (1/2) \* (b1+b2) \* h | Where b1,b2= opposite side and h= height |

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| **Surface Area(SA)** | Sphere | SA = 4 \* ₶ \* r2 | Where ₶ = 3.14 and r = radius |
|  | Cube | SA = 6 \* s2 | Where s = any side |
|  | Cylinder (lateral) | SA = 2 \* ₶ \* r \* h | Where ₶ = 3.14 and r= radius, h =height |