|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Find the **AREA** of each Trapezoid. |  | Write the Trapezoid Formula here 🡪 | *A* = |
| 1. |  | 2. |  | 3. |  |
|  | *b*1=\_\_\_\_\_\_\_\_\_*b*2=\_\_\_\_\_\_\_\_\_*h* =\_\_\_\_\_\_\_\_\_*Area* = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | *b*1=\_\_\_\_\_\_\_\_\_*b*2=\_\_\_\_\_\_\_\_\_*h* =\_\_\_\_\_\_\_\_\_*Area* = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | *b*1=\_\_\_\_\_\_\_\_\_*b*2=\_\_\_\_\_\_\_\_\_*h* =\_\_\_\_\_\_\_\_\_*Area* = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 4. |  | 5. |  | 6. |  |
|  | *b*1=\_\_\_\_\_\_\_\_\_*b*2=\_\_\_\_\_\_\_\_\_*h* =\_\_\_\_\_\_\_\_\_*Area* = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | *b*1=\_\_\_\_\_\_\_\_\_*b*2=\_\_\_\_\_\_\_\_\_*h* =\_\_\_\_\_\_\_\_\_*Area* = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | *b*1=\_\_\_\_\_\_\_\_\_*b*2=\_\_\_\_\_\_\_\_\_*h* =\_\_\_\_\_\_\_\_\_*Area* = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Find the **AREA** of each Regular Polygon. |  | Write the Regular Polygon Area Formula here 🡪 | *A* = |
| 1. |  | 2. |  | 3. |  |
|  | *A* ≈\_\_\_\_\_\_\_\_\_*s* = 4 cm*a* = 5.5 cm |  | *A* ≈\_\_\_\_\_\_\_\_\_*s* = 18 in*a* = 15.6 in |  | *A* ≈\_\_\_\_\_\_\_\_\_*s* = 24*a* =24.9 |
| 4. | Regular Pentagon:*a*= 3 cm*s* ≈ 4.4 cm*Area* ≈\_\_\_\_\_\_\_\_\_ | 5. | Regular nonagon:*a* = 9.6*Area* ≈ 302.4 cm2*Perimeter* =\_\_\_\_\_\_\_\_\_ | 6. | Regulan *n-*gon:*a* = 12 cm.*Perimeter* = 81.6 cm*Area* ≈ \_\_\_\_\_\_\_\_\_\_\_\_*n* = \_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  |  |  |