Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_

**8.4A Areas of Composite Figures\_Classwork**

*Objective: find areas of composite figures by separating them into familiar figures.*

*CC.SS.7.G.6\_MP1 Make Sense of Problems of Persevere in Solving Them*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Area = | | Area = | | Area = | | **Right Triangle**    Area = | |
| Area = | | Area = | | Area = | | **Semicircle**  Image result for semicircle  Area = | |
| **Composite Figure**    A composite figure is | | | |  | | | |
| **Composite Figures** | | **Draw the composite figure into smaller BASIC FIGURES.** | | **Find the area of each BASIC FIGURE.** | | **Add the area of all of the figures** | |
|  | |  | |  | |  | |
|  | |  | |  | |  | |
| 9cm  9cm | |  | |  | |  | |
| **Composite Figures** | | **Draw the composite figure into smaller BASIC FIGURES.** | | **Find the area of each BASIC FIGURE.** | | **Add the area of all of the figures** | |
| Image result for what is composite figures | |  | |  | |  | |
| Related image | |  | |  | |  | |
|  | |  | |  | |  | |
| **Composite Figures** | | **Draw the composite figure into smaller BASIC FIGURES.** | | **Find the area of each BASIC FIGURE.** | | **Add the area of all of the figures** | |
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