|  |  |
| --- | --- |
| 1. Find the value of y. | 1. Find the value of y. |
| 1. Find the sum of the **interior** angles in a 7-gon. | 1. Find the value of x. |
| 1. Find the measure of each **exterior** angle in a regular 20-gon (icosagon). | 1. Find the sum of the **interior** angles in a 14-gon. |
| 1. Find the sum of the **exterior** angles in a 100-gon. | 1. The sum of the measures of the interior angles of a regular polygon is 2340°. How many sides does the polygon have? |
| 1. One exterior angle of a regular polygon measures 10°. What is the measure of each interior angle? How many sides does the polygon have? |  |

|  |  |
| --- | --- |
| 1. *c = \_\_\_\_\_\_\_\_\_ d = \_\_\_\_\_\_\_\_\_* | **12.** *c* = \_\_\_\_ *d* = \_\_\_\_ |
| **13.** *g* = \_\_\_ *h* = \_\_\_\_ | **14.** a = \_\_\_\_ b = \_\_\_\_\_ |
| **15.** | **16.** |
| **17.** *a* = \_\_\_\_ *b* = \_\_\_\_\_ | **18.** *a* = \_\_\_\_ *b* = \_\_\_\_\_ *c* = \_\_\_\_\_ |