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| --- | --- |
| 1. Find the value of y.

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 |
| 1. Find the sum of the **interior** angles in a 7-gon.
 | 1. Find the value of x.

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| 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.
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| 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.

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