## pter 3 Review.notebook

November 09, 2015

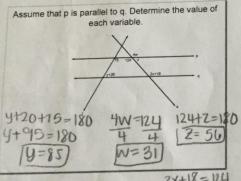
Chapter 3 Review

What are the 7 ways to prove two lines are parallel?

Alternate Intenor & Alternate Exterior & curresponding & same side Interzior Supplementary same side Extense Supplementary parallel to same line perpendicular to same line

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Nov 8-6:30 PM



Fill in the chart with the name of each polygon.

Number of sides Name

Number of sides	Name
3	Enangle
4	avadillatual
5	centagen
6	nexagon any
7	neotagon Septagor
8	OCTODON .
9	nondaan
10	decoden
11	11-0-01
12	dodetagan

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2x+18=124 2x=106 [x=53]

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First hand I see who can tell me the difference between:

Equilateral Polygon - SICHS FAUCE)
Equiangular Polygon - QNAICS PAUCE

Find the value of x.



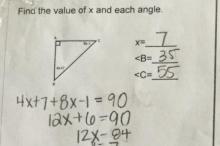
(X-83.)

44.7

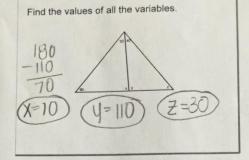
96

## Chapter 3 Review.notebook

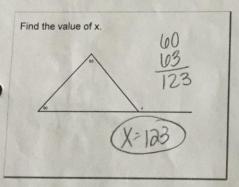
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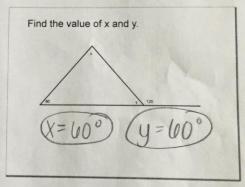
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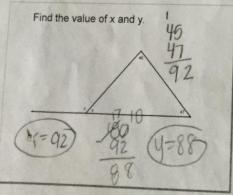
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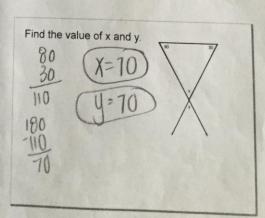
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Nov 8-7:14 PM



Nov 8-7:18 PM

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Chapie

Determine the sum of the measures of a 76-gon. (Round answer to the nearest whole number if necessary.)

(n-2)(180) (76-2)(180) (74)(180) 13320

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What is the sum of the measures of the exterior angles of a 36-gon? (Round answer to the nearest whole number if necessary.)

360°

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What is the measure of each interior angle of a regular 24-gon? (Round answer to the nearest whole number if necessary.)

(n-2)(180) (242)(180) (23)(180) (23)(180) 24 (65°

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What is the measure of each exterior angle of a regular heptagon? (Round answer to the nearest whole number if necessary.)

heptagon = Usides 
$$\frac{300}{6} = 60^{\circ}$$

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Assume line a is parallel to line b.

What are ALL of the angles congruent to <??

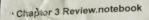
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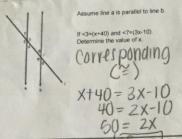
Assume line a is parallel to line b.

If <4=(x+70) and <6=x. Determine the value of x.

Same-Side intenorsupp. x+70+x=180 2x+70-180

Nov 8-7:36 PM





Draw a polygon that is concave.

answers vary

Nov 8-7:40 PM

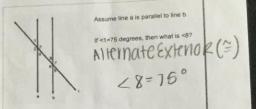
What are the four ways to classify a triangle based upon angles?

- Equiangular acute
- right
- Obtuse

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- Cha



Nov 8-7:38 PM

What are the three ways to classify a triangle based upon its sides?

- equilateral
- scalene

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What two things do we know if a figure is a regular polygon?

equilateral-all sides +auai

eaviangular - all angles -equal

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