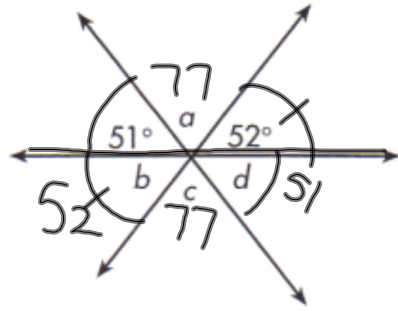


You need your book today.

Oct 28-10:30 AM

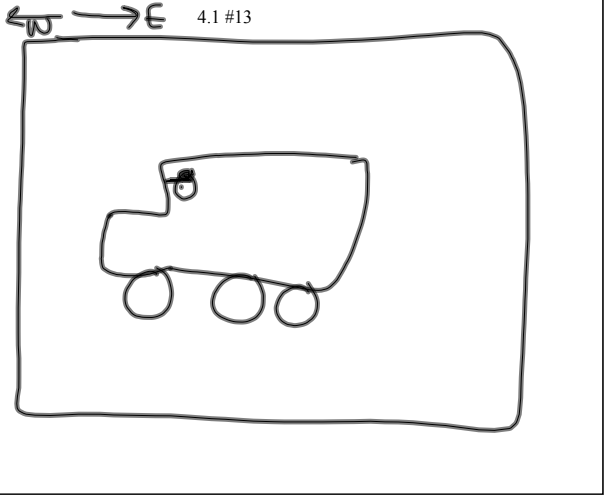
4.1 #3

3.



Oct 28-10:51 AM

4.1 #13



Oct 28-10:53 AM

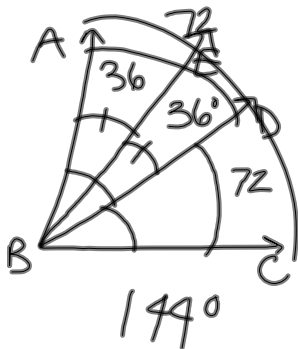
4.1 #15

$$\begin{array}{r} 18 \\ 6x \end{array} \quad \begin{array}{r} 3 \\ x \end{array} \quad \begin{array}{r} 3 \\ x \end{array}$$

$$\frac{8x}{8} = \frac{24}{8}$$

Oct 28-10:57 AM

4.1 #15



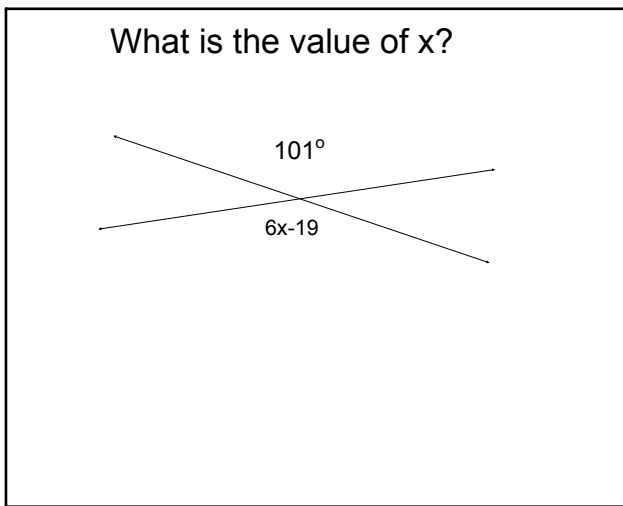
Oct 28-10:58 AM

4.1 #17 and 18

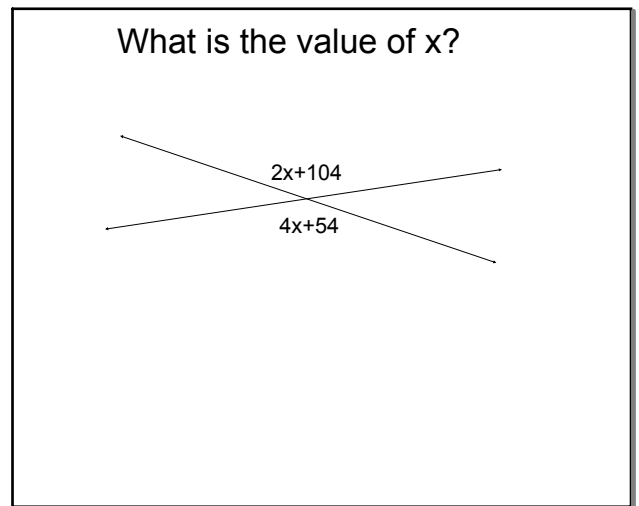


18.
$$\begin{aligned} X + X &= 180 \\ 2X &= 180 \\ X &= 90 \end{aligned}$$

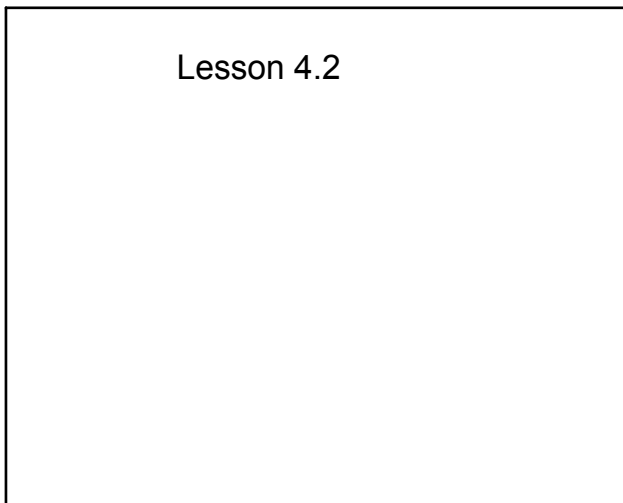
Oct 28-11:00 AM



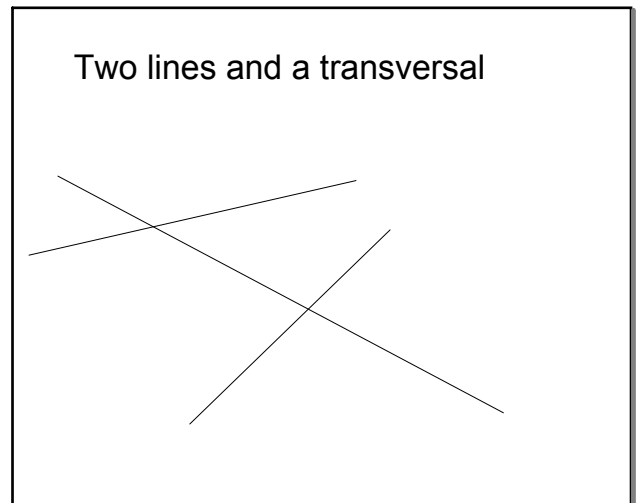
Oct 6-1:21 PM



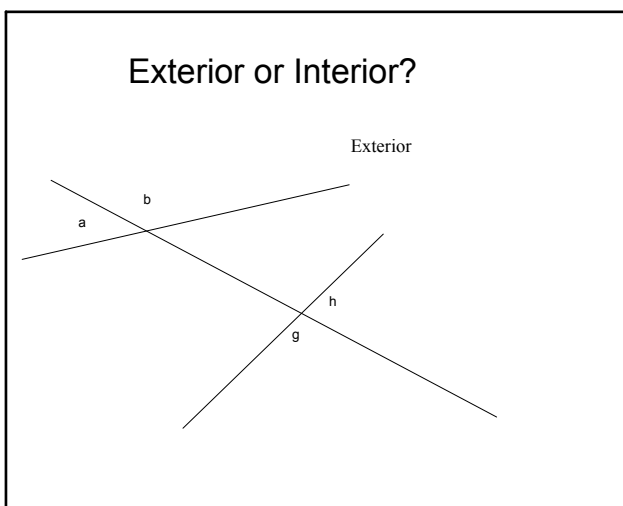
Oct 6-1:21 PM



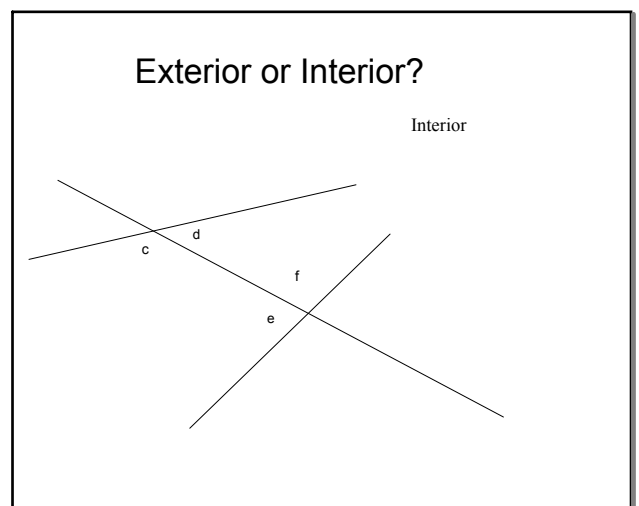
Oct 6-1:21 PM



Oct 6-1:28 PM



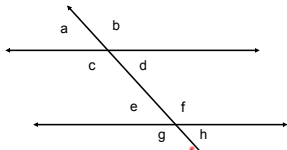
Oct 6-1:28 PM



Oct 6-1:28 PM

Parallel lines are lines in the same plane that do not intersect.

Parallel lines and a transversal



corresponding angles: $a \hat{=} e, c \hat{=} g, b \hat{=} f, h \hat{=} d$
 alternate interior angles: $c \hat{=} f, d \hat{=} e$
 alternate exterior angles: $a \hat{=} h, b \hat{=} g$
 vertical angles: $a \hat{=} d, b \hat{=} c, f \hat{=} g, e \hat{=} h$

Oct 6-1:28 PM

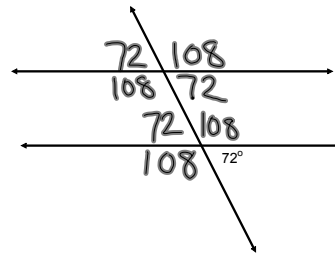
• C-17 If two parallel lines are cut by a transversal, then...

- a) corresponding angles are $\hat{=}$
- b) alternate interior angles are $\hat{=}$
- c) alternate exterior angles are $\hat{=}$

Oct 6-1:29 PM

• C-18 If two lines are cut by a transversal to form pairs of congruent corresponding angles, congruent alternate interior angles, and congruent alternate exterior angles, then the lines are parallel.

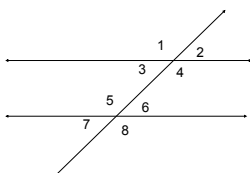
Given the diagram below, fill in the rest of the angles.



Oct 6-1:29 PM

Oct 6-1:29 PM

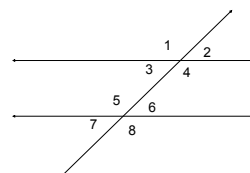
Angles 2 and 7 are:



- a) corresponding
- b) alternate interior
- c) alternate exterior
- d) vertical
- e) linear pair

Oct 6-1:30 PM

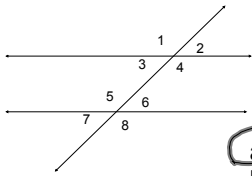
Angles 5 and 7 are:



- a) corresponding
- b) alternate interior
- c) alternate exterior
- d) vertical
- e) linear pair

Oct 6-1:30 PM

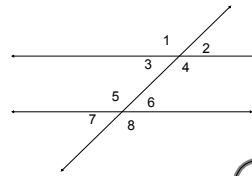
Angles 3 and 7 are:



- a) corresponding
- b) alternate interior
- c) alternate exterior
- d) vertical
- e) linear pair

Oct 6-1:30 PM

Angles 3 and 6 are:

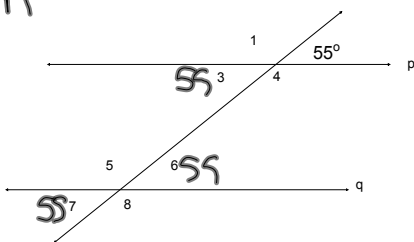


- a) corresponding
- b) alternate interior
- c) alternate exterior
- d) vertical
- e) linear pair

Oct 6-1:30 PM

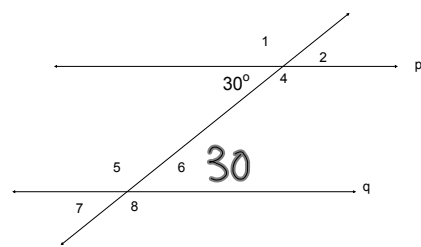
Find the value of 7 if lines p and q are parallel.

AEA



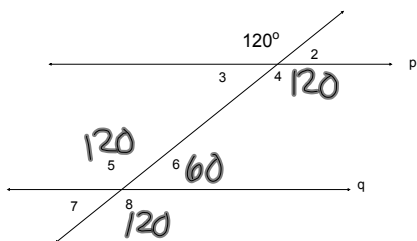
Oct 6-1:30 PM

Find the value of 6 if lines p and q are parallel.



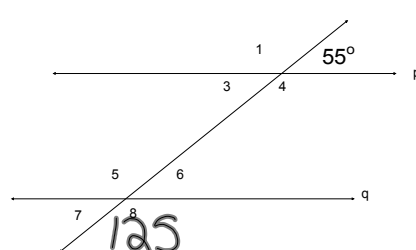
Oct 6-1:32 PM

Find the value of 6 if lines p and q are parallel.



Oct 6-1:32 PM

Find the value of 8 if lines p and q are parallel.



Oct 6-1:34 PM

Find the value of x.

$$\begin{array}{r} 5x+20=70 \\ -20 \quad -20 \\ \hline 5x=50 \\ \frac{5x}{5}=\frac{50}{5} \\ x=10 \end{array}$$

Oct 6-1:34 PM

Find the value of x.

$$\begin{array}{r} 5x+20=50 \\ -20 \quad -20 \\ \hline 5x=30 \\ \frac{5x}{5}=\frac{30}{5} \\ x=6 \end{array}$$

Oct 6-1:34 PM

HOMEWORK:
4.2
p. 181
#1-7, 9, 18, 19

Oct 6-1:34 PM

Oct 7-9:23 AM