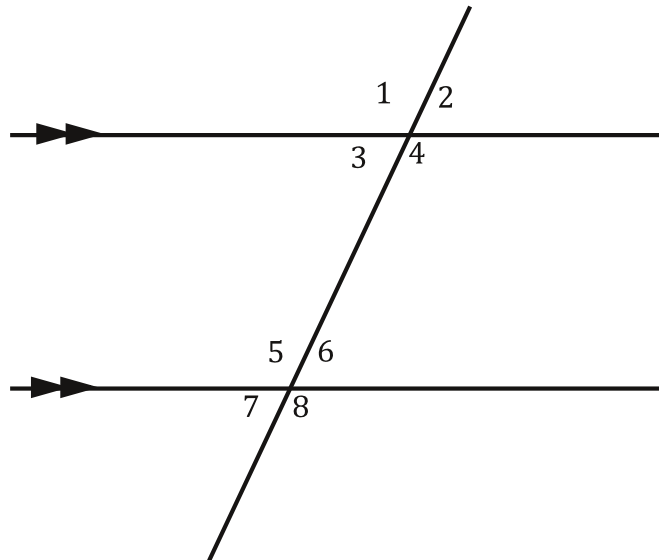


For our first exercise, bubble the correct answer choice for each item below. Refer to the previous pages if you need to.

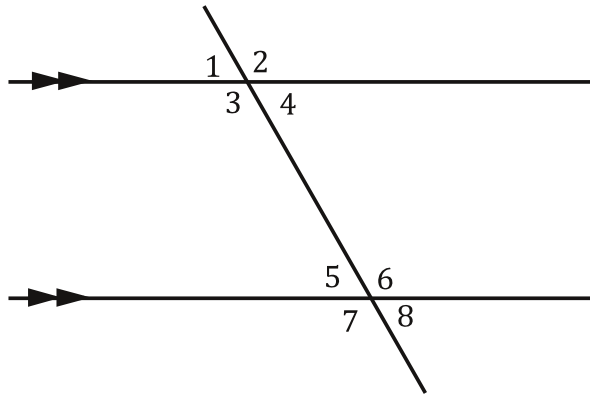


- |                                      |  |                                     |
|--------------------------------------|--|-------------------------------------|
| 1. $\angle 1$ and $\angle 5$ are...  | 2. $\angle 8$ and $\angle 4$ are...  | 3. $\angle 2$ and $\angle 7$ are... |
| A. Corresponding                     | A. Corresponding   | A. Corresponding                    |
| B. Alternate Interior                | B. Alternate Interior  | B. Alternate Interior               |
| C. Alternate Exterior                | C. Alternate Exterior  | C. Alternate Exterior               |
| D. Consecutive                       | D. Consecutive   | D. Consecutive                      |
| 4. $\angle 3$ and $\angle 6$ are...  | 5. $\angle 6$ and $\angle 4$ are...  | 6. $\angle 2$ and $\angle 6$ are... |
| A. Corresponding                     | A. Corresponding   | A. Corresponding                    |
| B. Alternate Interior                | B. Alternate Interior  | B. Alternate Interior               |
| C. Alternate Exterior                | C. Alternate Exterior  | C. Alternate Exterior               |
| D. Consecutive                       | D. Consecutive   | D. Consecutive                      |
| 7. $\angle 4$ and $\angle 5$ are...  | 8. $\angle 1$ and $\angle 8$ are...  | 9. $\angle 3$ and $\angle 5$ are... |
| A. Corresponding                     | A. Corresponding   | A. Corresponding                    |
| B. Alternate Interior                | B. Alternate Interior  | B. Alternate Interior               |
| C. Alternate Exterior                | C. Alternate Exterior  | C. Alternate Exterior               |
| D. Consecutive                       | D. Consecutive   | D. Consecutive                      |
| 10. $\angle 4$ and $\angle 8$ are... | Great Job, these are tough to remember which is which. If you are struggling, go back and try to memorize what each one looks like. (like remembering a picture) If you do that these will become very easy. Let's do some more! |                                     |
| A. Corresponding                     |  |                                     |
| B. Alternate Interior                |  |                                     |
| C. Alternate Exterior                |  |                                     |
| D. Consecutive                       |  |                                     |

Bubble the correct answer choice from each item above.

#1.	#2.	#3.	#4.	#5.	#6.	#7.	#8.	#9.	#10.
<input type="radio"/> A.	<input type="radio"/> A.	<input type="radio"/> A.	<input type="radio"/> A.	<input type="radio"/> A.	<input type="radio"/> A.	<input type="radio"/> A.	<input type="radio"/> A.	<input type="radio"/> A.	<input type="radio"/> A.
<input type="radio"/> B.	<input type="radio"/> B.	<input type="radio"/> B.	<input type="radio"/> B.	<input type="radio"/> B.	<input type="radio"/> B.	<input type="radio"/> B.	<input type="radio"/> B.	<input type="radio"/> B.	<input type="radio"/> B.
<input type="radio"/> C.	<input type="radio"/> C.	<input type="radio"/> C.	<input type="radio"/> C.	<input type="radio"/> C.	<input type="radio"/> C.	<input type="radio"/> C.	<input type="radio"/> C.	<input type="radio"/> C.	<input type="radio"/> C.
<input type="radio"/> D.	<input type="radio"/> D.	<input type="radio"/> D.	<input type="radio"/> D.	<input type="radio"/> D.	<input type="radio"/> D.	<input type="radio"/> D.	<input type="radio"/> D.	<input type="radio"/> D.	<input type="radio"/> D.

For each, state the angle relationship.



1. Angle  $\angle 1$  and  $\angle 8$  are...

alternate exterior angles

2. Angle  $\angle 3$  and  $\angle 5$  are...

3. Angle  $\angle 1$  and  $\angle 5$  are...

\_\_\_\_\_

4. Angle  $\angle 4$  and  $\angle 8$  are...

\_\_\_\_\_

5. Angle  $\angle 2$  and  $\angle 6$  are...

\_\_\_\_\_

6. Angle  $\angle 4$  and  $\angle 5$  are...

\_\_\_\_\_

7. Angle  $\angle 2$  and  $\angle 7$  are...

\_\_\_\_\_

8. Angle  $\angle 3$  and  $\angle 6$  are...

\_\_\_\_\_

9. Angle  $\angle 4$  and  $\angle 6$  are...

\_\_\_\_\_

10. Angle  $\angle 3$  and  $\angle 7$  are...

\_\_\_\_\_

The next set might have some from other sections! You can do it!

11. Angle  $\angle 7$  and  $\angle 6$  are...

vertical angles

12. Angle  $\angle 5$  and  $\angle 7$  are...

\_\_\_\_\_

13. Angle  $\angle 1$  and  $\angle 4$  are...

\_\_\_\_\_

14. Angle  $\angle 6$  and  $\angle 3$  are...

\_\_\_\_\_

15. Angle  $\angle 5$  and  $\angle 6$  are...

\_\_\_\_\_

16. Angle  $\angle 7$  and  $\angle 8$  are...

\_\_\_\_\_

17. Angle  $\angle 7$  and  $\angle 3$  are...

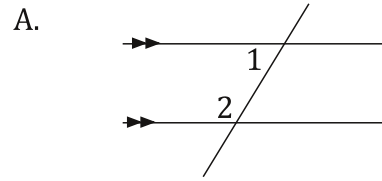
\_\_\_\_\_

18. Angle  $\angle 5$  and  $\angle 8$  are...

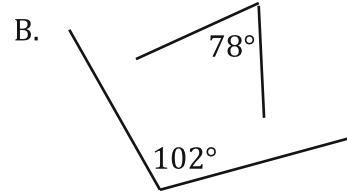
\_\_\_\_\_

Okay good, you're getting faster at it I bet. Let's do some matching. Write the letter of each picture in the right column in the blank next to its description in the left column.

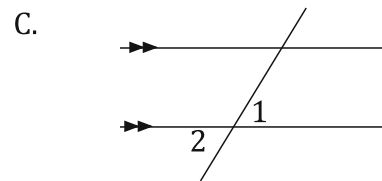
\_\_\_\_\_ 1. alternate interior angles



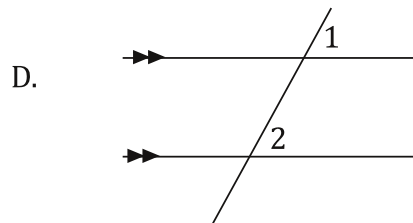
\_\_\_\_\_ 2. corresponding angles



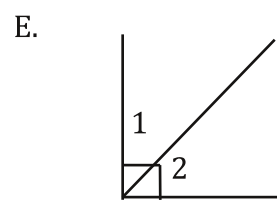
\_\_\_\_\_ 3. alternate exterior angles



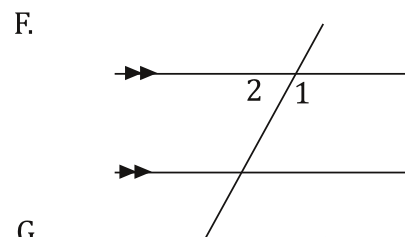
\_\_\_\_\_ 4. complementary angles



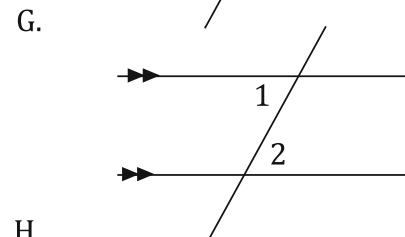
\_\_\_\_\_ 5. vertical angles



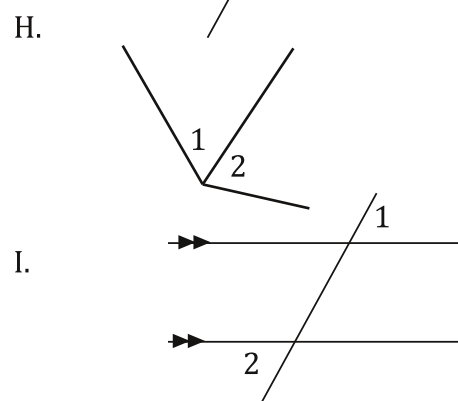
\_\_\_\_\_ 6. supplementary angles



\_\_\_\_\_ 7. linear pair



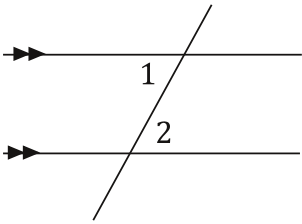
\_\_\_\_\_ 8. consecutive angles



\_\_\_\_\_ 9. adjacent angles

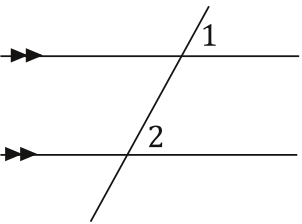
Let's take it up a notch... for each, write the angle relationship you see in the picture and a statement of whether the angles are equal or add to  $180^\circ$ .

1. This one is done for you so you know what to do.

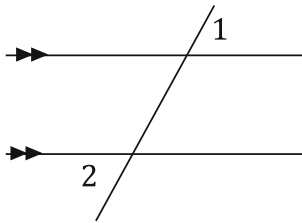


*Alternate exterior,  $m\angle 1 = m\angle 2$*

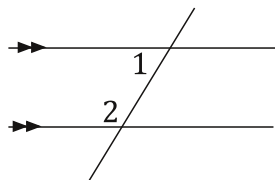
3.



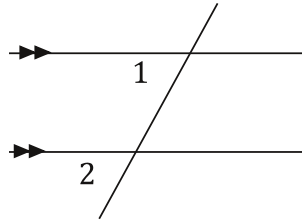
5.



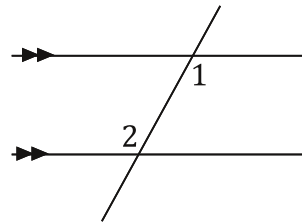
8.



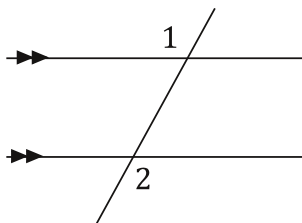
2.



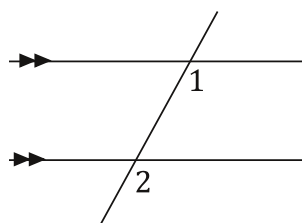
4.



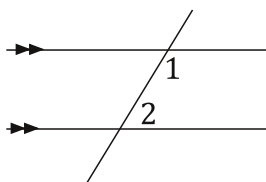
6.



7.



9.



Great job!!