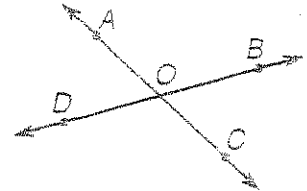


# What Do You Call It When 50 People Stand in a Wooden Dock?

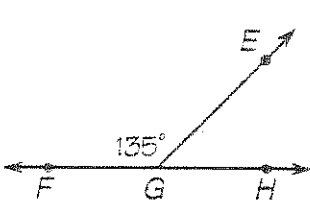
Cross out the letters above each correct answer. When you finish, write the remaining letters in the spaces at the bottom of the page.

In Exercises 1-4, fill in the blank.

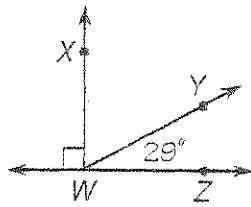
- If the sum of the measures of two angles is  $180^\circ$ , the angles are \_\_\_\_\_.
- If the sum of the measures of two angles is  $90^\circ$ , the angles are \_\_\_\_\_.
- When two angles in a plane share a vertex and a side but no common interior points, they are called \_\_\_\_\_ angles. Example:  $\angle AOB$  and  $\angle AOD$ .
- When two lines intersect, they form two pairs of "opposite" angles called \_\_\_\_\_ angles. Example:  $\angle AOB$  and  $\angle COD$ .



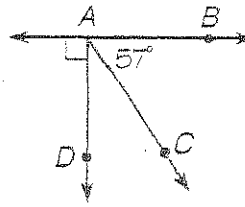
In Exercises 5-14, use the given angle measures to find the required ones.



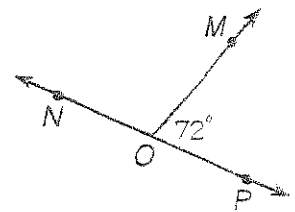
5.  $m\angle BGH$



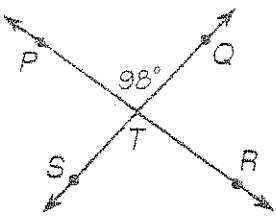
6.  $m\angle XWY$



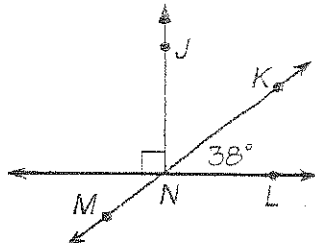
7.  $m\angle DAC$



8.  $m\angle MON$

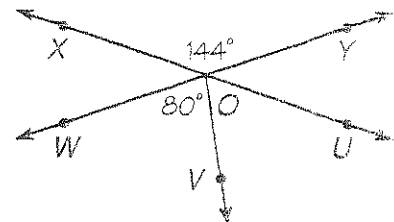


9.  $m\angle STR$



11.  $m\angle JNK$

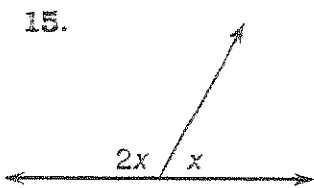
12.  $m\angle MNL$



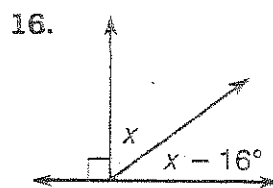
13.  $m\angle YOU$

14.  $m\angle UOV$

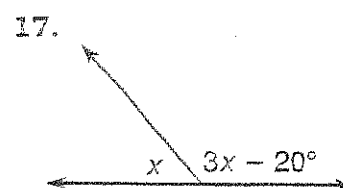
In Exercises 15-18, use an algebraic equation to find the measure of the angle labeled  $x$ .



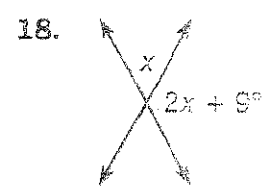
15.



16.



17.



18.

IT	TH	EY	DO	PI	LE	CK	UP	ER	AN	PR	OP
vertical	$64^\circ$	$52^\circ$	$61^\circ$	$55^\circ$	$57^\circ$	$108^\circ$	$82^\circ$	$39^\circ$	$53^\circ$	$107^\circ$	supplementary
AN	IC	ES	IT	ON	EE	SU	RF	DO	RE	CK	EN
adjacent	$98^\circ$	$137^\circ$	$60^\circ$	$45^\circ$	$142^\circ$	$28^\circ$	$50^\circ$	$33^\circ$	$48^\circ$	$36^\circ$	complementary