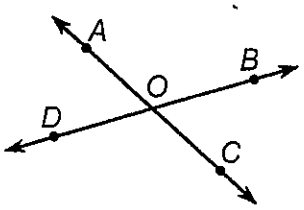
Name _____

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

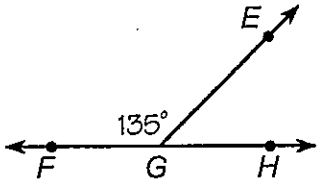
Cross out the letters above each correct answer. When you finish, write the remaining letters in the spaces at the bottom of the page.

In Exercises 1-4, fill in the blank.

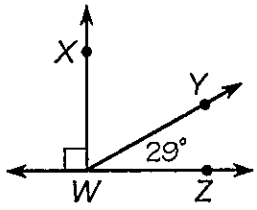
1. If the sum of the measures of two angles is 180°, the angles are _____.
2. If the sum of the measures of two angles is 90°, the angles are _____.
3. When two angles in a plane share a vertex and a side but no common interior points, they are called _____ angles. Example: $\angle AOB$ and $\angle AOD$.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



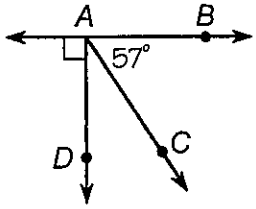
In Exercises 5-14, use the given angle measures to find the required ones.



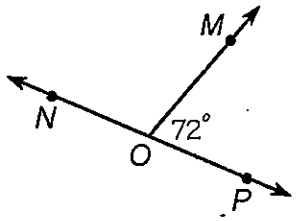
5. $m\angle EGH$



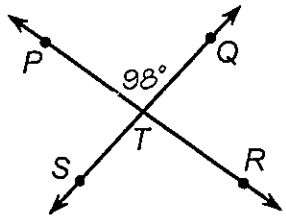
6. $m\angle XWY$



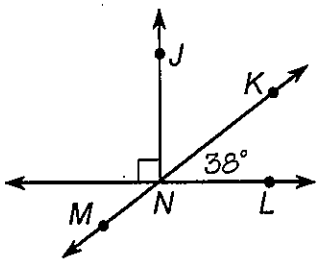
7. $m\angle DAC$



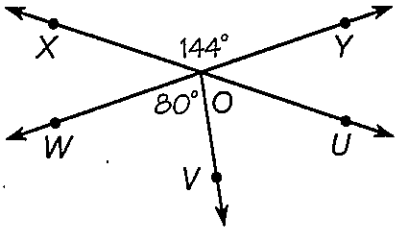
8. $m\angle MON$



9. $m\angle STR$ 10. $m\angle PTS$



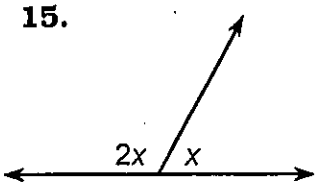
11. $m\angle JNK$ 12. $m\angle MNL$



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.



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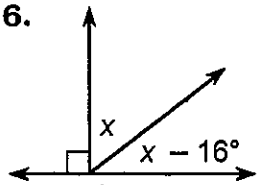

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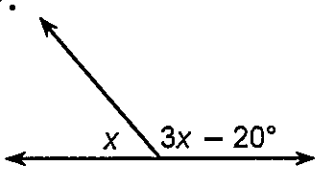
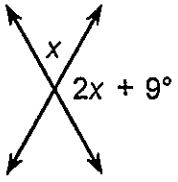


18.



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