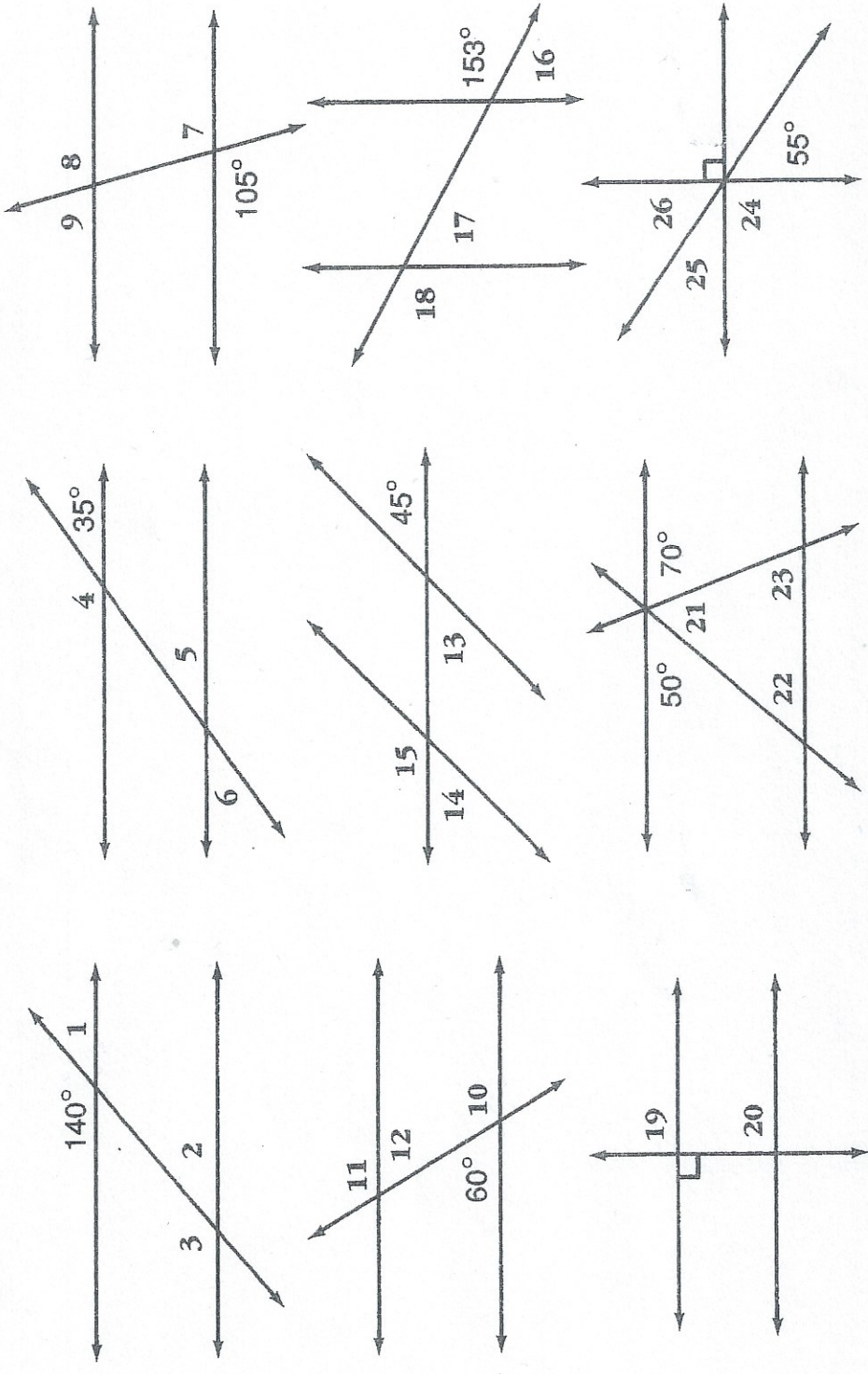


Why Couldn't the Two Elephants Go Swimming Together?

Give the measure of each numbered angle. Find your answer in the Code Key and notice the letter next to it. Write this letter in the box containing the number of the angle. (Assume that lines in each figure that do not intersect are parallel.)

CODE KEY	
27°	A
35°	O
40°	R
45°	Y
50°	I
55°	P
60°	T
70°	U
75°	F
90°	N
105°	H
120°	E
135°	K
140°	L
145°	S
153°	D



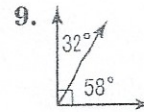
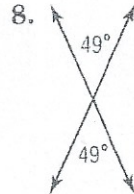
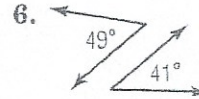
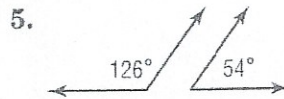
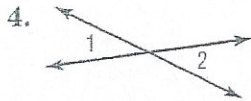
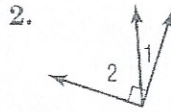
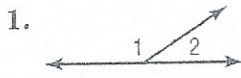
12	7	10	14	8	16	18	6	20	3	13	25	19	11	26	17	22	1	5	9	21	2	23	24	15	4
----	---	----	----	---	----	----	---	----	---	----	----	----	----	----	----	----	---	---	---	----	---	----	----	----	---

Lesson 2 Skills Practice

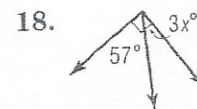
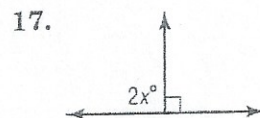
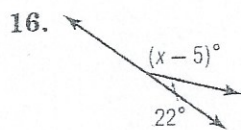
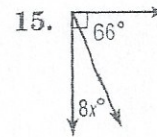
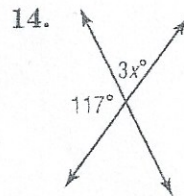
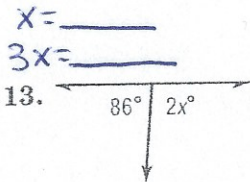
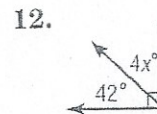
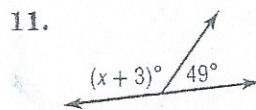
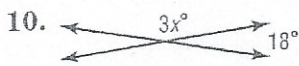
Wed

Complementary and Supplementary Angles

Identify each pair of angles as *complementary*, *supplementary*, or *neither*.



ALGEBRA ^① Find the value of x in each figure. ^② Then find the missing angle.



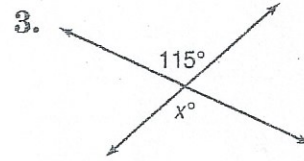
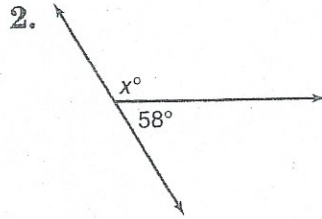
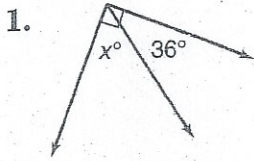
Copyright © The McGraw-Hill Companies, Inc. Permission is granted to reproduce for classroom use.

wed

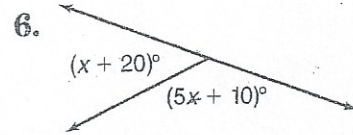
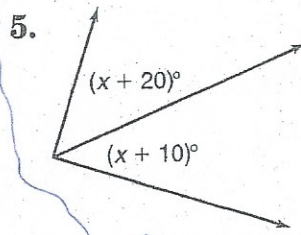
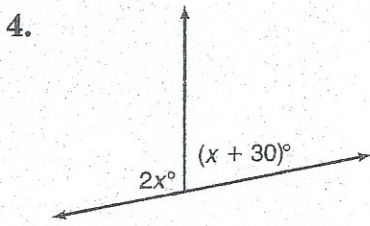
11-3 Practice

Angle Relationships and Parallel Lines

Find the value of x in each figure.



Each pair of angles is either complementary or supplementary.
Find the measure of each angle.

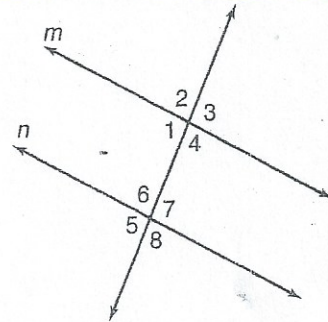


$x = \underline{\hspace{2cm}}$ $x + 30 = \underline{\hspace{2cm}}$
 $2x = \underline{\hspace{2cm}}$

$x = \underline{\hspace{2cm}}$
 $x + 20 = \underline{\hspace{2cm}}$
 $x + 10 = \underline{\hspace{2cm}}$

$x = \underline{\hspace{2cm}}$
 $x + 20 = \underline{\hspace{2cm}}$
 $5x + 10 = \underline{\hspace{2cm}}$

In the figure at the right, $m \parallel n$. If the measure of $\angle 3$ is 95° , find the measure of each angle.



- 7. $\angle 1$
- 8. $\angle 4$
- 9. $\angle 5$
- 10. $\angle 6$
- 11. $\angle 7$
- 12. $\angle 8$
- 13. $\angle 2$

In the figure at the right $\ell \parallel k$. Find the measure of each angle.

- 14. $\angle 5$
- 15. $\angle 4$
- 16. $\angle 9$
- 17. $\angle 8$
- 18. $\angle 6$
- 19. $\angle 1$
- 20. $\angle 7$
- 21. $\angle 3$
- 22. $\angle 2$
- 23. $\angle 10$

