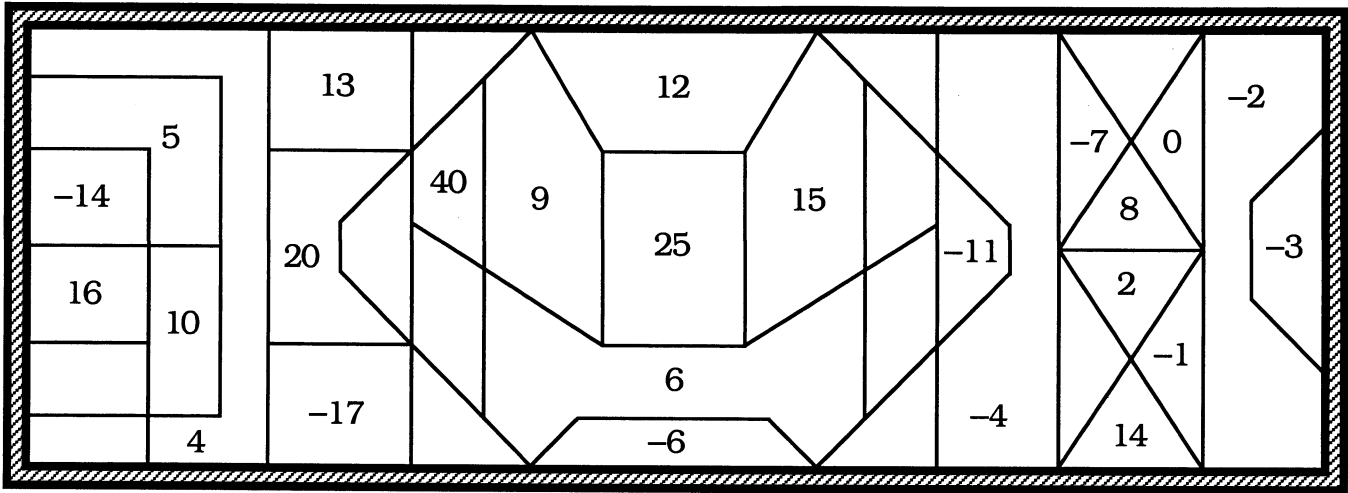


WHAT IS HEAVY FORWARD BUT NOT BACKWARD?



Shade in the area containing each solution.

1. $x + 3(x + 4) = 20$

2. $6(y - 1) + 8 = 32$

3. $5 + 4(n + 9) = -3$

4. $5(k - 2) - 8k = -34$

5. $2 = 11 + 3(m + 3)$

6. $-2(p - 5) + 7p = -5$

7. $4a - 2(a + 9) = 6$

8. $7 - 4(d - 3) = 23$

9. $8x - 11(x - 2) = -8$

10. $5 = 6(q - 5) - 19$

11. $3(3 - y) + 1 = 31$

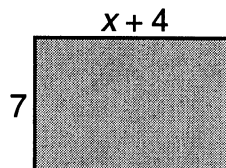
12. $5(2v + 4) = 170$

13. $5(4n - 4) = -60$

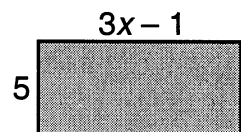
14. $2(3t - 8) - 4t = 10$

15. $9 - 4(2p - 1) = 45$

16. Write an equation and solve for x if the area of the rectangle is 70 square units.



17. Write an equation and solve for x if the area of the rectangle is 55 square units.



How Did the Judge Find Out About the Rotten Milk?

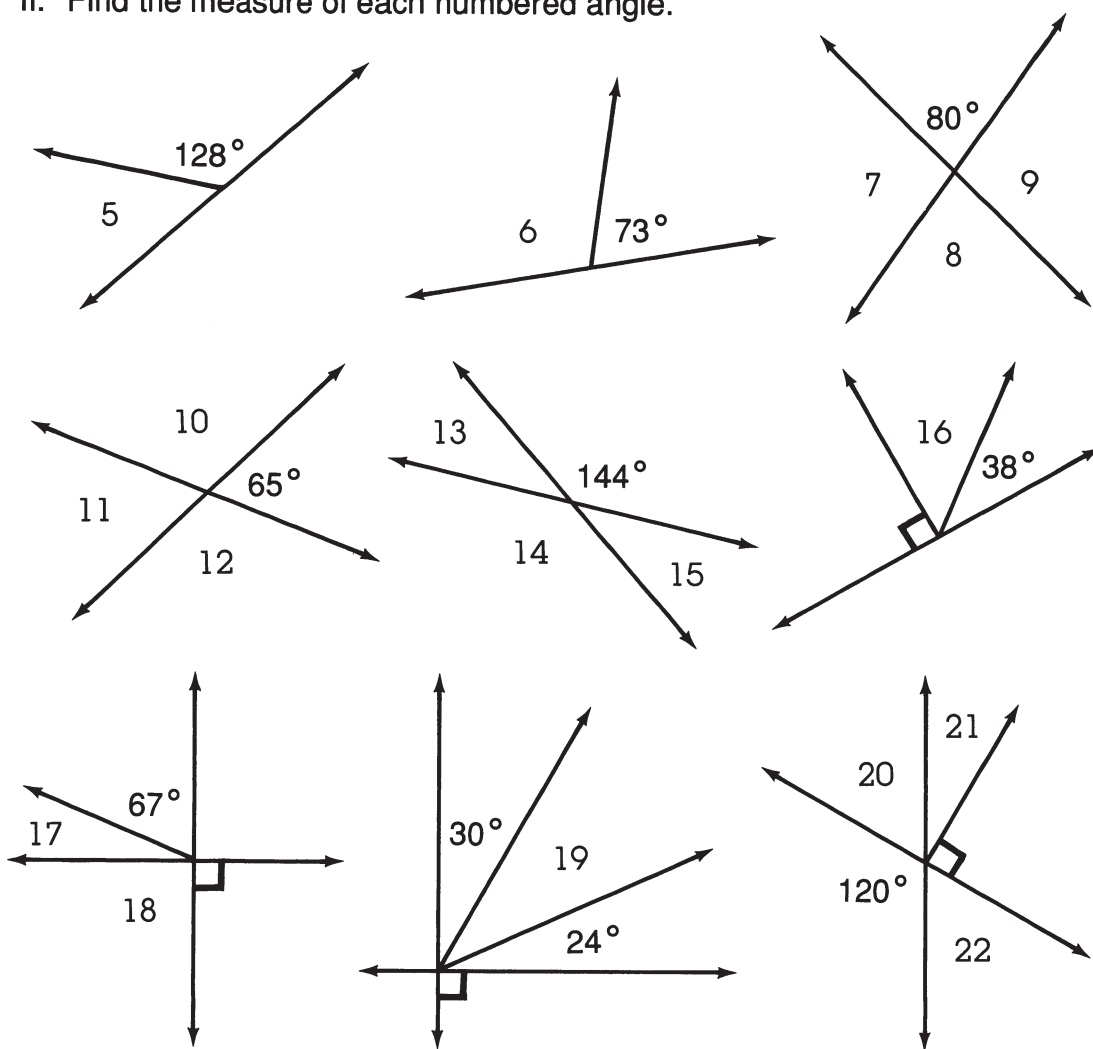
Do each exercise and find your answer in the Code Key. Notice the letter next to the answer. Write this letter in the box containing the number for the exercise.

I. Complete each statement.

- ① Two angles are *complementary* if the sum of their measures is _____.
- ② Two angles are *supplementary* if the sum of their measures is _____.
- ③ The *complement* of a 30° angle has a measure of _____.
- ④ The *supplement* of a 65° angle has a measure of _____.



II. Find the measure of each numbered angle.



CODE KEY	
23°	D
30°	Q
36°	T
52°	A
60°	R
65°	U
80°	I
90°	O
100°	H
107°	S
115°	E
144°	W
180°	N

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