

# Daffynition Decoder

TO DECODE THESE THREE DAFFYNITIONS, FOLLOW THESE DIRECTIONS:

Figure out the measure of the unknown angle in any exercise. Then find this measure in the code. Each time it appears, write the letter of that exercise above it.

KEEP WORKING AND YOU WILL DECODE THE THREE DE-FUN-ITIONS.

RAINCOAT:

40° 80° 132° 35° 95° 90° 48° 66° 90° 36° 48°

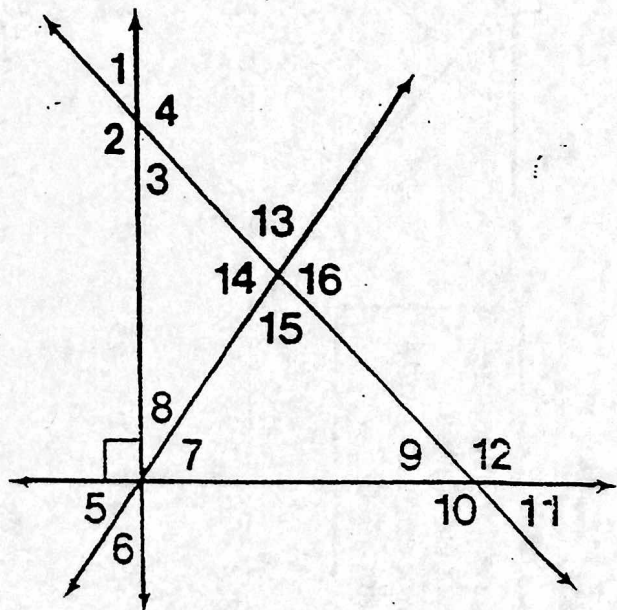
PASTEURIZE:

40° 130° 130° 105° 36° 48° 40° 130° 30° 90° 90

WILL:

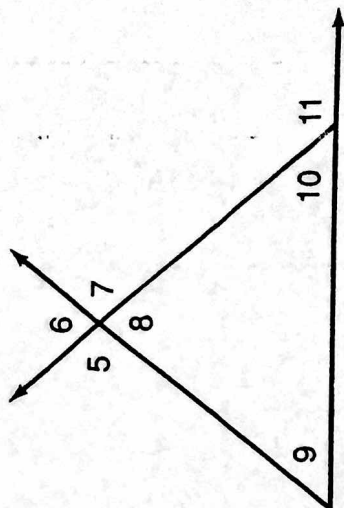
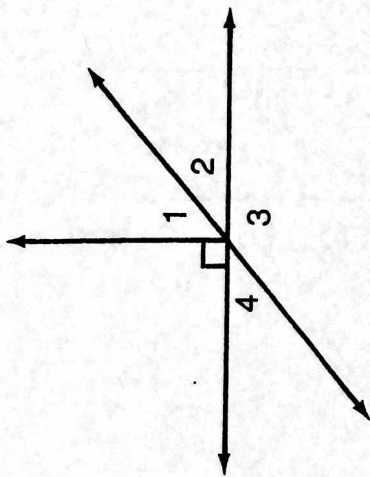
36° 95° 90° 36° 95° 55° 33° 50° 90° 36° 66° 36° 31

- Ⓡ IF  $m\angle 1 = 48^\circ$ , THEN  $m\angle 3 =$  \_\_\_\_\_
- Ⓥ IF  $m\angle 1 = 48^\circ$ , THEN  $m\angle 4 =$  \_\_\_\_\_
- Ⓟ IF  $m\angle 6 = 40^\circ$ , THEN  $m\angle 5 =$  \_\_\_\_\_
- Ⓐ IF  $m\angle 7 = 54^\circ$ , THEN  $m\angle 8 =$  \_\_\_\_\_
- Ⓨ IF  $m\angle 7 = 59^\circ$ , THEN  $m\angle 6 =$  \_\_\_\_\_
- Ⓡ IF  $m\angle 5 = 57^\circ$ , THEN  $m\angle 8 =$  \_\_\_\_\_
- Ⓣ IF  $m\angle 3 = 50^\circ$ , THEN  $m\angle 9 =$  \_\_\_\_\_
- Ⓢ IF  $m\angle 12 = 120^\circ$ , THEN  $m\angle 3 =$  \_\_\_\_\_
- ⓗ IF  $m\angle 7 = 55^\circ$  AND  $m\angle 9 = 45^\circ$ , THEN  $m\angle 15 =$  \_\_\_\_\_
- Ⓝ IF  $m\angle 3 = 46^\circ$  AND  $m\angle 14 = 99^\circ$ , THEN  $m\angle 8 =$  \_\_\_\_\_
- Ⓦ IF  $m\angle 9 = 29^\circ$  AND  $m\angle 15 = 85^\circ$ , THEN  $m\angle 7 =$  \_\_\_\_\_
- Ⓕ IF  $m\angle 8 = 37^\circ$  AND  $m\angle 3 = 38^\circ$ , THEN  $m\angle 14 =$  \_\_\_\_\_
- Ⓞ IF  $m\angle 7 = 40^\circ$  AND  $m\angle 15 = 90^\circ$ , THEN  $m\angle 12 =$  \_\_\_\_\_
- Ⓒ IF  $m\angle 3 = 35^\circ$  AND  $m\angle 16 = 90^\circ$ , THEN  $m\angle 8 =$  \_\_\_\_\_
- Ⓔ IF  $m\angle 8 = 40^\circ$  AND  $m\angle 12 = 140^\circ$ , THEN  $m\angle 15 =$  \_\_\_\_\_
- Ⓓ IF  $m\angle 7 = 55^\circ$  AND  $m\angle 1 = 50^\circ$ , THEN  $m\angle 16 =$  \_\_\_\_\_



# Daffynition Decoder

For each exercise, find the angle measure indicated. Look for each answer in the code. Each time the answer appears, write the letter of the exercise above it.



Warehouse:

$105^\circ$   $40^\circ$   $36^\circ$   $78^\circ$   $151^\circ$   $55^\circ$   $45^\circ$   $146^\circ$   $36^\circ$   $151^\circ$   $105^\circ$   $40^\circ$   $135^\circ$   $42^\circ$   $34^\circ$   $55^\circ$   $146^\circ$   $78^\circ$

Explain:

$42^\circ$   $55^\circ$   $78^\circ$   $146^\circ$   $116^\circ$   $56^\circ$   $36^\circ$   $74^\circ$   $29^\circ$   $34^\circ$   $135^\circ$   $100^\circ$   $55^\circ$   $56^\circ$   $60^\circ$   $56^\circ$   $98^\circ$   $135^\circ$   $100^\circ$

- (H) If  $m\angle 1 = 50^\circ$ , then  $m\angle 2 =$  \_\_\_\_\_
- (F) If  $m\angle 3 = 120^\circ$ , then  $m\angle 4 =$  \_\_\_\_\_
- (O) If  $m\angle 2 = 35^\circ$ , then  $m\angle 1 =$  \_\_\_\_\_
- (E) If  $m\angle 4 = 45^\circ$ , then  $m\angle 3 =$  \_\_\_\_\_
- (B) If  $m\angle 6 = 29^\circ$ , then  $m\angle 8 =$  \_\_\_\_\_
- (Y) If  $m\angle 6 = 29^\circ$ , then  $m\angle 5 =$  \_\_\_\_\_
- (C) If  $m\angle 5 = 116^\circ$ , then  $m\angle 7 =$  \_\_\_\_\_
- (I) If  $m\angle 8 = 82^\circ$ , then  $m\angle 7 =$  \_\_\_\_\_
- (A) If  $m\angle 11 = 144^\circ$ , then  $m\angle 10 =$  \_\_\_\_\_
- (N) If  $m\angle 8 = 78^\circ$  and  $m\angle 9 = 60^\circ$ , then  $m\angle 10 =$  \_\_\_\_\_
- (D) If  $m\angle 9 = 47^\circ$  and  $m\angle 10 = 33^\circ$ , then  $m\angle 8 =$  \_\_\_\_\_
- (U) If  $m\angle 10 = 45^\circ$  and  $m\angle 8 = 90^\circ$ , then  $m\angle 9 =$  \_\_\_\_\_
- (M) If  $m\angle 6 = 66^\circ$  and  $m\angle 9 = 40^\circ$ , then  $m\angle 10 =$  \_\_\_\_\_
- (T) If  $m\angle 11 = 130^\circ$  and  $m\angle 9 = 52^\circ$ , then  $m\angle 8 =$  \_\_\_\_\_
- (W) If  $m\angle 8 = 81^\circ$  and  $m\angle 9 = 24^\circ$ , then  $m\angle 11 =$  \_\_\_\_\_
- (R) If  $m\angle 2 = 56^\circ$ , then  $m\angle 4 =$  \_\_\_\_\_
- (L) If  $m\angle 1 = 56^\circ$ , then  $m\angle 4 =$  \_\_\_\_\_
- (S) If  $m\angle 1 = 56^\circ$ , then  $m\angle 3 =$  \_\_\_\_\_