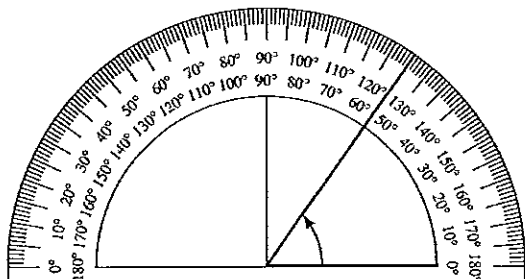## Test Yourself   Chapter 2 Angles   Name: _____
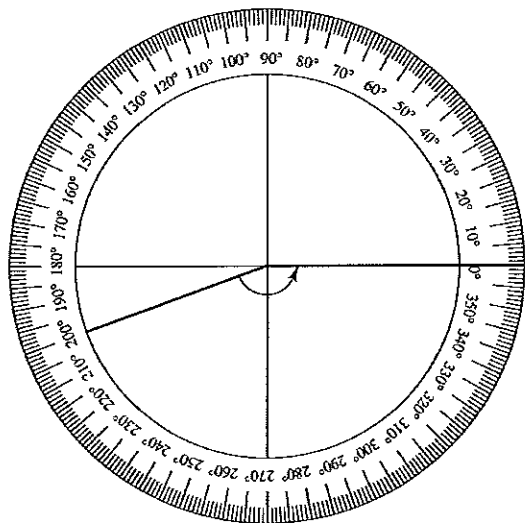
All Multiple Choice

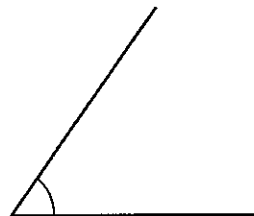**1**   The angle shown below measures:

A   15°
B   50°
C   52°
D   55°

2   The angle shown below measures:

A   60°
B   120°
C   160°
D   200°

3   The size of the angle drawn below is:

A   50°
B   55°
C   60°
D   125°

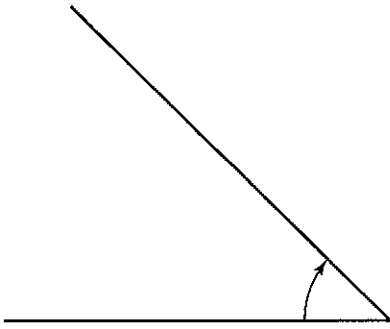**4**   The angle which is an acute angle is:
A   38°
B   90°
C   105°
D   187°

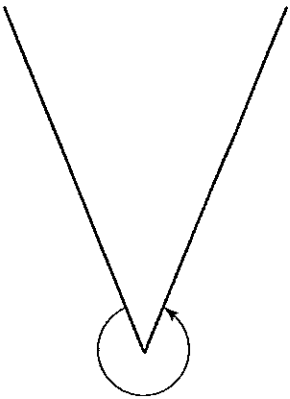**5**   The angle which is an obtuse angle is:
A   43°
B   88°
C   144°
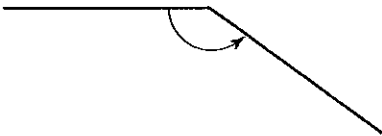D   197°
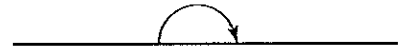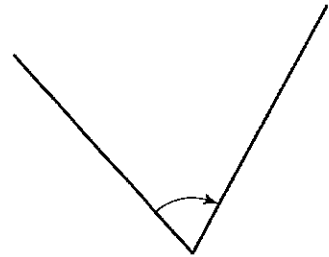
6   The angle which is a reflex angle is:

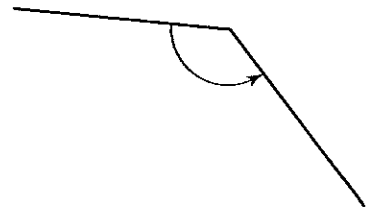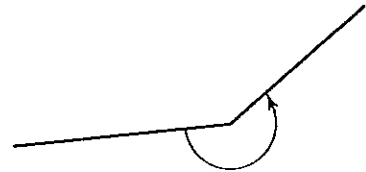A

B

C

D

7   The angle which is an obtuse angle is:

A

B
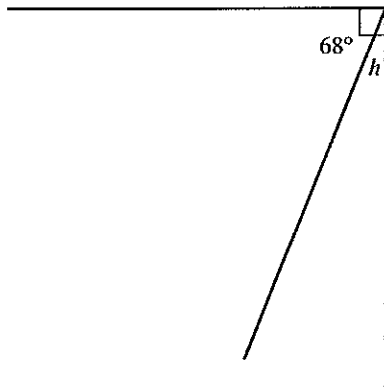
C

D

8   The name given to the angle shown below is:

A   ∠ABC
B   ∠ABD
C   ∠BCE
D   ∠BCD

9 The pair of complementary angles is:
A 11° and 79°
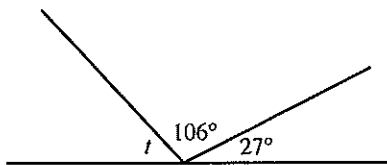B 80° and 100°
C 270° and 90°
D 56° and 44°

10 The pair of supplementary angles is:
A 23° and 134°
B 167° and 53°
C 120° and 60°
D 180° and 180°
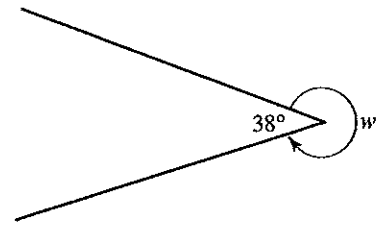
11 The value of angle h in the figure shown is:

A 12°
B 22°
C 46°
D 68°

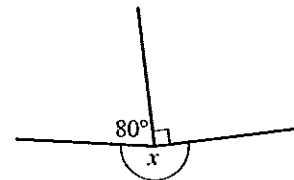**12** The value of angle t in the figure shown is:

A 47°
B 75°
C 79°
D 133°

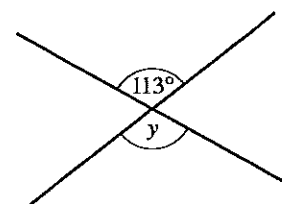**13** The value of angle w in the figure shown is:

A 52°
B 142°
C 322°
D 398°

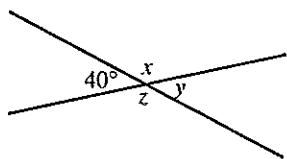**14** The size of the angle x in the figure below is:

A 170°
B 180°
C 190°
D 200°

15 In the figure below the size of the angle marked y is:
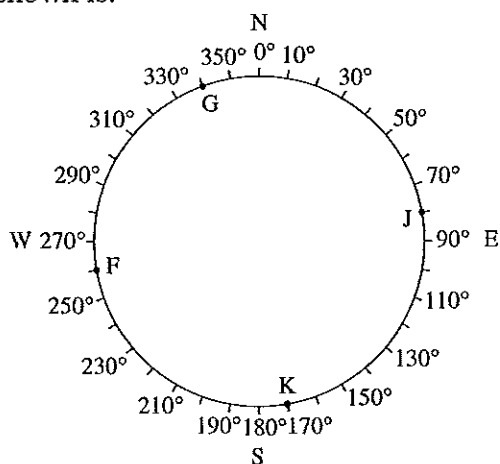

A 67°
B 90°
C 113°
D 180°

16   In the figure below:

A $x = 140°, y = 40°, z = 140°$
B $x = 40°, y = 140°, z = 40°$
C $x = 40°, y = 40°, z = 40°$
D $x = 140°, y = 140°, z = 140°$

17   The true bearing of point J in the figure shown is:

A   060° true
B   075° true
C   080° true
D   095° true

18   The true bearing of point F in the figure shown in question **17** is:
A   S 80° W
B   100° true
C   N 100° W
D   260° true

19   The compass bearing of point K in the figure shown in question **17** is:
A   S 10° E
B   S 10° N
C   E 80° S
D   170° true

20   The compass bearing of point G in the figure shown in question **17** is:
A   N 20° W
B   W 70° N
C   W 70° E
D   E 110° N

Test Yourself   Chapter 2 Angles
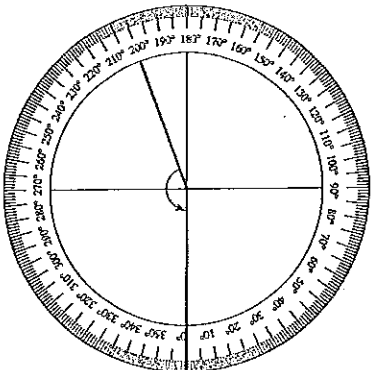
Name: _____ *ANSWERS*

All Multiple Choice

1 The angle shown below measures:
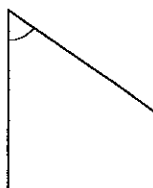

- A   15°
- B   50°
- C   52°
- (D)   55°

2 The angle shown below measures:

- A   60°
- B   120°
- (C)   160°
- D   200°

3 The size of the angle drawn below is:

- A   50°
- (B)   55°
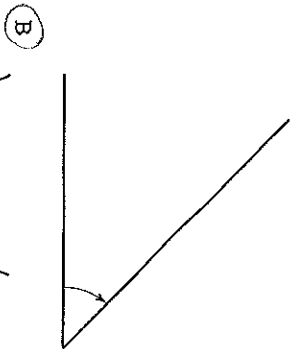- C   60°
- D   125°

4 The angle which is an acute angle is:

- (A)   38°
- B   90°
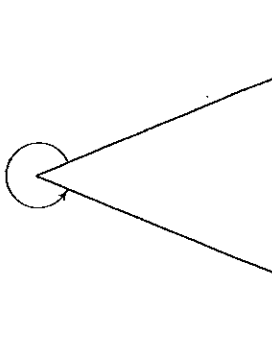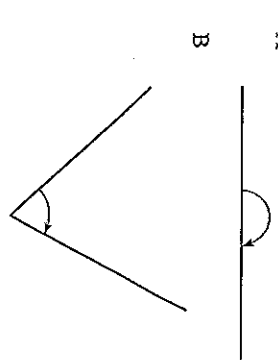- C   105°
- D   187°

5 The angle which is an obtuse angle is:
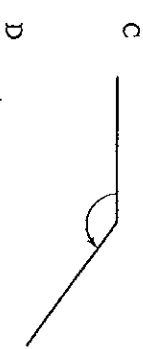
- A   43°
- B   88°
- (C)   144°
- D   197°

6 The angle which is a reflex angle is:

A   B   (C)   D

7 The angle which is an obtuse angle is:

A   B   C   D

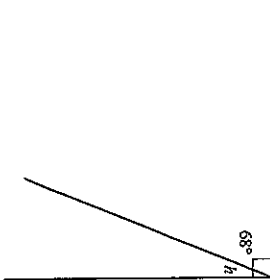**8** The name given to the angle shown below is:

- A   ∠ABC
- B   ∠ABD
- C   ∠BCE
- (D)   ∠BCD

9 The pair of complementary angles is:

(A) 11° and 79°
B 80° and 100°
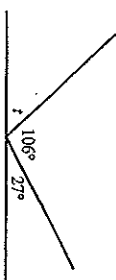C 270° and 90°
D 56° and 44°

10 The pair of supplementary angles is:

A 23° and 134°
B 167° and 53°
(C) 120° and 60°
D 180° and 180°

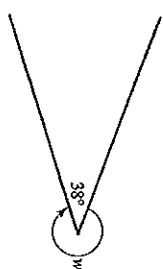**11** The value of angle *h* in the figure shown is:

A 12°
(B) 22°
C 46°
D 68°

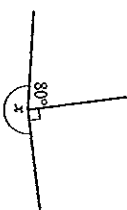**12** The value of angle *t* in the figure shown is:

(A) 47°
B 75°
C 79°
D 133°

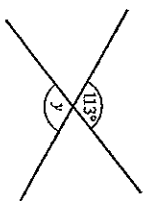**13** The value of angle *w* in the figure shown is:

A 52°
B 142°
(C) 322°
D 398°

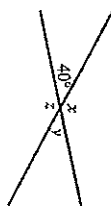**14** The size of the angle *x* in the figure below is:

A 170°
B 180°
(C) 190°
D 200°

15 In the figure below the size of the angle marked *y* is:
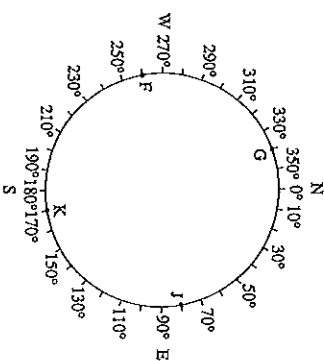
A 67°
B 90°
(C) 113°
D 180°

16 In the figure below:

(A) $x=140°, y=40°, z=140°$
B $x=40°, y=140°, z=40°$
C $x=40°, y=40°, z=40°$
D $x=140°, y=140°, z=140°$

17 The true bearing of point J in the figure shown is:

A 060° true
B 075° true
(C) 080° true
D 095° true

18 The true bearing of point F in the figure shown in question **17** is:

A S 80° W
B 100° true
C N 100° W
(D) 260° true

19 The compass bearing of point K in the figure shown in question **17** is:

(A) S 10° E
B S 10° N
C E 80° S
D 170° true

20 The compass bearing of point G in the figure shown in question **17** is:

(A) N 20° W
B W 70° N
C W 70° E
D E 110° N