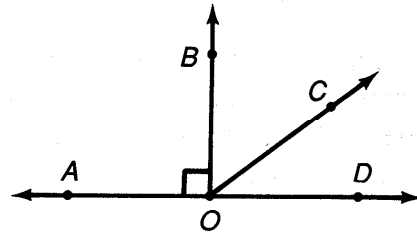


# What Did Mrs. Claus Say During the Thunderstorm?

Find each answer at the bottom of the page and write the letter of the exercise above it.

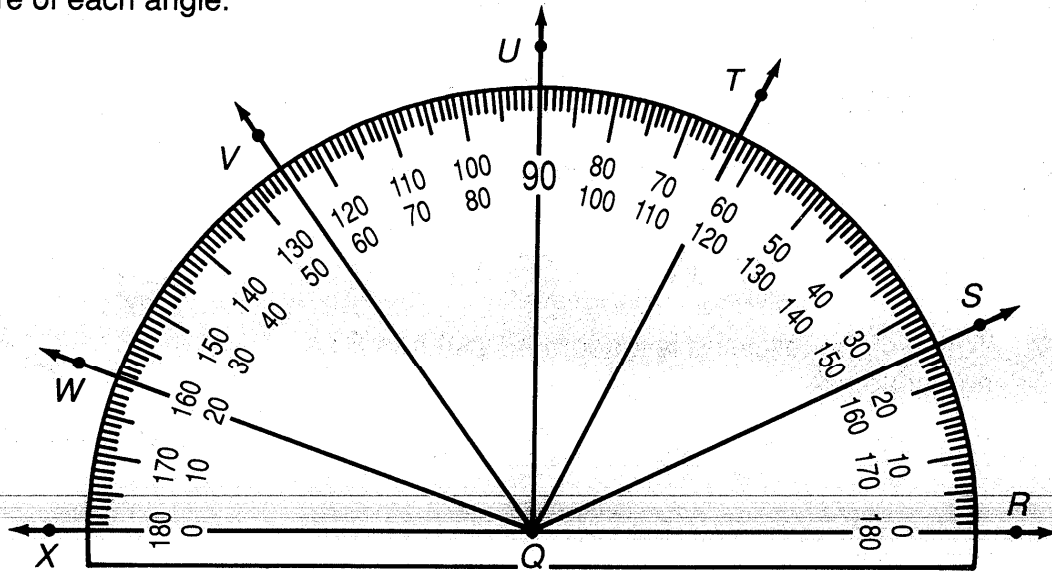


I. Complete each statement.

- (T) The figure formed by two rays from the same endpoint is an \_\_\_\_\_.
- (O) The intersection of the two sides of an angle is called its \_\_\_\_\_.
- (I) The vertex of  $\angle COD$  in the drawing above is point \_\_\_\_\_.
- (A) The instrument used to measure angles is called a \_\_\_\_\_.
- (E) The basic unit in which angles are measured is the \_\_\_\_\_.
- (O)  $\angle AOB$  has a measure of  $90^\circ$  and is called a \_\_\_\_\_ angle.
- (A) An angle whose measure is between  $0^\circ$  and  $90^\circ$  is an \_\_\_\_\_ angle.
- (T) Two acute angles in the figure are  $\angle BOC$  and \_\_\_\_\_.
- (L) An angle whose measure is between  $90^\circ$  and  $180^\circ$  is an \_\_\_\_\_ angle.
- (N) An obtuse angle in the figure is \_\_\_\_\_.

II. Give the measure of each angle.

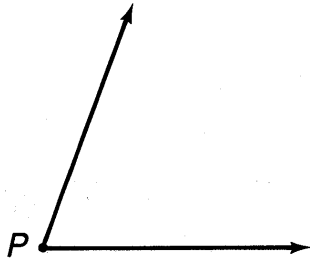
- (A)  $\angle RQS$  \_\_\_\_\_
- (T)  $\angle RQT$  \_\_\_\_\_
- (R)  $\angle RQU$  \_\_\_\_\_
- (H)  $\angle RQV$  \_\_\_\_\_
- (A)  $\angle RQW$  \_\_\_\_\_
- (K)  $\angle XQW$  \_\_\_\_\_
- (D)  $\angle XQT$  \_\_\_\_\_
- (R)  $\angle UQV$  \_\_\_\_\_



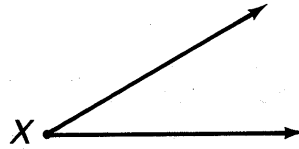
|        |        |       |            |            |       |              |             |            |            |            |             |   |              |             |        |       |            |
|--------|--------|-------|------------|------------|-------|--------------|-------------|------------|------------|------------|-------------|---|--------------|-------------|--------|-------|------------|
| obtuse | vertex | right | $20^\circ$ | $25^\circ$ | angle | $\angle DOC$ | $125^\circ$ | protractor | $63^\circ$ | $35^\circ$ | $160^\circ$ | O | $\angle AOC$ | $117^\circ$ | degree | acute | $90^\circ$ |
|--------|--------|-------|------------|------------|-------|--------------|-------------|------------|------------|------------|-------------|---|--------------|-------------|--------|-------|------------|

# Why Did the Brontosaurus Need Band-Aids?

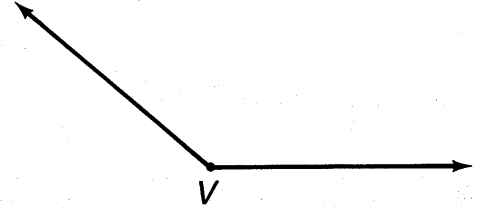
For each exercise, circle the letter of the best estimate. Write this letter in the box containing the number of the exercise.



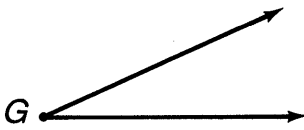
- ①  $m\angle P$  is about  
**B**  $35^\circ$     **S**  $70^\circ$



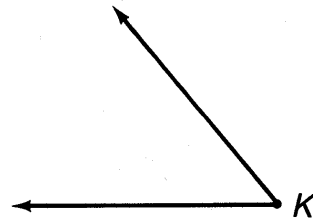
- ②  $m\angle X$  is about  
**T**  $65^\circ$     **O**  $30^\circ$



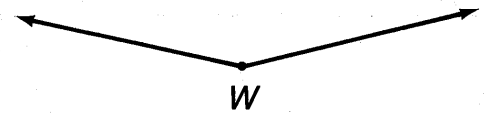
- ③  $m\angle V$  is about  
**E**  $140^\circ$     **J**  $95^\circ$



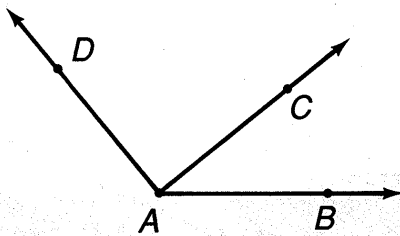
- ④  $m\angle G$  is about  
**L**  $55^\circ$     **I**  $25^\circ$



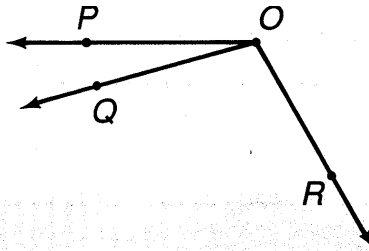
- ⑤  $m\angle K$  is about  
**O**  $50^\circ$     **F**  $80^\circ$



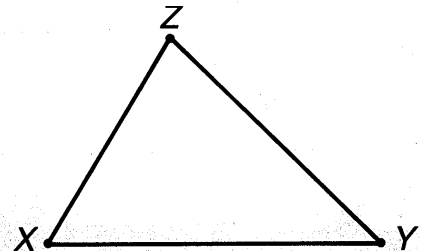
- ⑥  $m\angle W$  is about  
**R**  $155^\circ$     **C**  $110^\circ$



- ⑦  $m\angle BAC$  is about  
**S**  $40^\circ$     **P**  $15^\circ$



- ⑩  $m\angle POR$  is about  
**M**  $160^\circ$     **F**  $120^\circ$



- ⑬  $m\angle X$  is about  
**P**  $35^\circ$     **H**  $60^\circ$

- ⑧  $m\angle CAD$  is about  
**U**  $65^\circ$     **I**  $90^\circ$

- ⑪  $m\angle POQ$  is about  
**V**  $40^\circ$     **N**  $15^\circ$

- ⑭  $m\angle Y$  is about  
**S**  $45^\circ$     **L**  $25^\circ$

- ⑨  $m\angle BAD$  is about  
**G**  $100^\circ$     **O**  $130^\circ$

- ⑫  $m\angle QOR$  is about  
**R**  $105^\circ$     **B**  $140^\circ$

- ⑮  $m\angle Z$  is about  
**D**  $75^\circ$     **G**  $40^\circ$

|    |   |   |    |   |   |    |   |    |   |    |   |    |   |   |
|----|---|---|----|---|---|----|---|----|---|----|---|----|---|---|
| 10 | 2 | 6 | 13 | 8 | 1 | 15 | 4 | 11 | 9 | 14 | 5 | 12 | 3 | 7 |
|----|---|---|----|---|---|----|---|----|---|----|---|----|---|---|

# Books Never Written

Beginning Your Exercise Program by

$57^\circ$   $99^\circ$   $119^\circ$

$137^\circ$   $173^\circ$   $85^\circ$   $99^\circ$   $33^\circ$

Checking Your Homework by

$33^\circ$

$76^\circ$

$156^\circ$   $33^\circ$   $47^\circ$   $125^\circ$   $28^\circ$   $14^\circ$

How to Lead the Band by

$38^\circ$   $62^\circ$   $33^\circ$   $90^\circ$   $28^\circ$   $62^\circ$

$41^\circ$   $173^\circ$   $119^\circ$   $125^\circ$

ABOVE ARE THE TITLES OF THREE "BOOKS NEVER WRITTEN." TO DECODE THE NAMES OF THEIR AUTHORS:

Measure each angle below and find your answer in the code. Each time the answer appears in the code, write the vertex letter of that angle above it.

