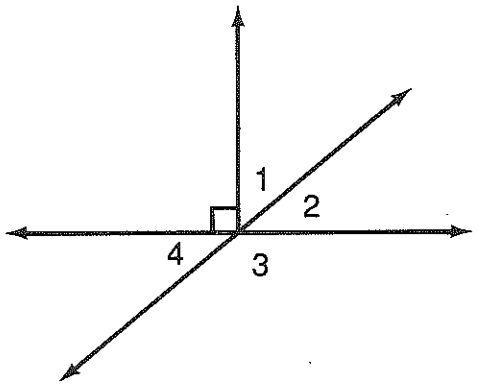
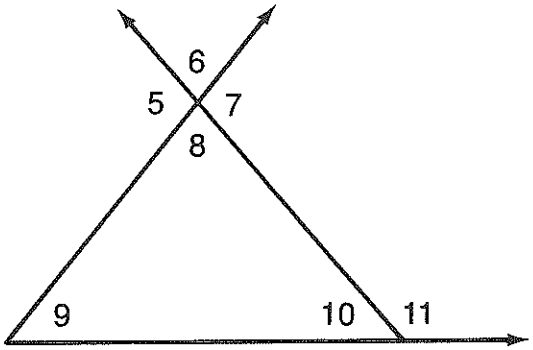
Daffynition Decoder

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°	40°	36°	78°	151°	55°	45°	146°	36°	151°	105°	40°	135°	42°	34°	55°	146°	78°

Explain:

42°	55°	78°	146°	116°	56°	36°	74°	29°	34°	135°	100°	55°	56°	60°	56°	98°	135°	100°

(H) If $m\angle 1 = 50°$, then $m\angle 2 =$

(F) If $m\angle 3 = 120°$, then $m\angle 4 =$

(O) If $m\angle 2 = 35°$, then $m\angle 1 =$

(E) If $m\angle 4 = 45°$, then $m\angle 3 =$

(B) If $m\angle 6 = 29°$, then $m\angle 8 =$

(Y) If $m\angle 6 = 29°$, then $m\angle 5 =$

(C) If $m\angle 5 = 116°$, then $m\angle 7 =$

(I) If $m\angle 8 = 82°$, then $m\angle 7 =$

(A) If $m\angle 11 = 144°$, then $m\angle 10 =$

(N) If $m\angle 8 = 78°$ and $m\angle 9 = 60°$, then $m\angle 10 =$

(D) If $m\angle 9 = 47°$ and $m\angle 10 = 33°$, then $m\angle 8 =$

(U) If $m\angle 10 = 45°$ and $m\angle 8 = 90°$, then $m\angle 9 =$

(M) If $m\angle 6 = 66°$ and $m\angle 9 = 40°$, then $m\angle 10 =$

(T) If $m\angle 11 = 130°$ and $m\angle 9 = 52°$, then $m\angle 8 =$

(W) If $m\angle 8 = 81°$ and $m\angle 9 = 24°$, then $m\angle 11 =$

(R) If $m\angle 2 = 56°$, then $m\angle 4 =$

(L) If $m\angle 1 = 56°$, then $m\angle 4 =$

(S) If $m\angle 1 = 56°$, then $m\angle 3 =$

A B

Measure with Pleasure

Follow the directions below. When you complete each step, put an × in front of it. Measure carefully and you will get the picture!

___ 1. Copy rectangle *ABCD* on another sheet of paper. The rectangle is 7 in. wide and $9\frac{1}{2}$ in. high.

___ 2. Place your ruler on $\overline{AB}$. Measure $3\frac{1}{8}$ in. across from Point *A*. Make a dot to mark this point. Label it Point *E*.

___ 3. Place your ruler on $\overline{BC}$. Measure down $1\frac{1}{4}$ in. from Point *B*. Make a dot to mark this point. Label it Point *F*.

___ 4. On $\overline{BC}$, measure down $5\frac{7}{8}$ in. from *B*. Label this Point *G*.

___ 5. Point *H* is on $\overline{BC}$, $7\frac{3}{8}$ in. from *B*.

___ 6. Point *I* is on $\overline{BC}$, $8\frac{3}{8}$ in. from *B*.

___ 7. Point *J* is on $\overline{AD}$, 7 in. from *A*. Connect points *H* and *J*.

___ 8. Point *K* is on $\overline{AD}$, $8\frac{1}{2}$ in. from *A*. Connect points *I* and *K*.

___ 9. Point *L* is on $\overline{JH}$, $3\frac{1}{8}$ in. from *J*. Draw $\overline{EL}$.

___10. Point *M* is on $\overline{EL}$, $\frac{7}{8}$ in. from *E*. Draw $\overline{GM}$.

___11. Point *N* is on $\overline{AD}$, $5\frac{3}{4}$ in. from *A*. Draw $\overline{MN}$.

___12. Line up your ruler on Points *E* and *F*. Mark a point 1 in. from *E* and label it Point *O*. Connect points *E* and *O*.

___13. Point *P* is on $\overline{EL}$, $\frac{5}{8}$ in. from *E*. Draw $\overline{OP}$.

___14. Point *Q* is on $\overline{EL}$, $6\frac{1}{4}$ in. from *E*. Draw $\overline{GQ}$.

___15. Point *R* is on $\overline{EL}$, $6\frac{5}{8}$ in. from *E*. Draw $\overline{NR}$.

___16. Point *S* is on $\overline{NR}$, $2\frac{3}{4}$ in. from *N*. Draw $\overline{MS}$.

___17. Point *T* is on $\overline{KI}$, $1\frac{1}{8}$ in. from *K*. Draw $\overline{JT}$.

___18. Point *U* is on $\overline{KI}$, 6 in. from *K*. Draw $\overline{HU}$.

D C