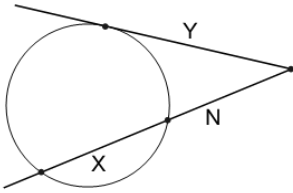




## Geometry of Circles - Tangent Secant Theorem Rule

1 What geometry rule would help find length X?



(not to scale)

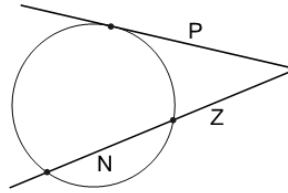
A Length Y squared is the same as X times N

B Length Y is the same as X plus N

C Length Y minus X is twice N

D Length Y squared is the same as N times the sum of N and X

2 What geometry rule would help find length N?



(not to scale)

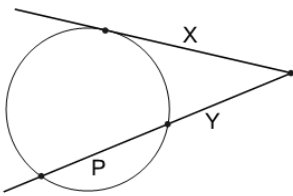
A Length P squared is the same as N times Z

B Length P squared is the same as Z times the sum of Z and N

C Length P minus N is twice Z

D Length P is the same as N plus Z

3 What geometry rule would help find length P?



(not to scale)

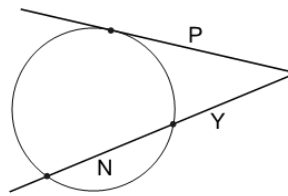
A Length X is the same as P plus Y

B Length X squared is the same as P times Y

C Length X minus P is twice Y

D Length X squared is the same as Y times the sum of Y and P

4 What geometry rule would help find length N?



(not to scale)

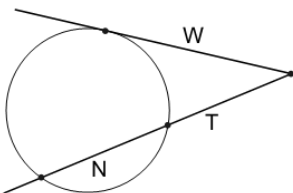
A Length P squared is the same as N times Y

B Length P minus N is twice Y

C Length P is the same as N plus Y

D Length P squared is the same as Y times the sum of Y and N

5 What geometry rule would help find length N?



(not to scale)

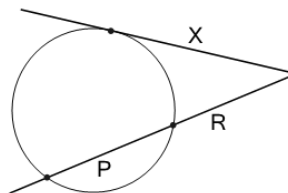
A Length W minus N is twice T

B Length W squared is the same as N times T

C Length W squared is the same as T times the sum of T and N

D Length W is the same as N plus T

6 What geometry rule would help find length P?



(not to scale)

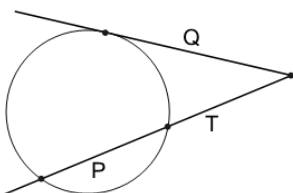
A Length X is the same as P plus R

B Length X squared is the same as P times R

C Length X minus P is twice R

D Length X squared is the same as R times the sum of R and P

7 What geometry rule would help find length Q?



(not to scale)

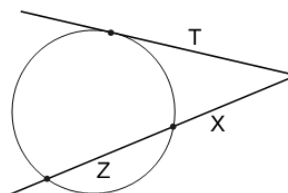
A Length Q is the same as P plus T

B Length Q minus P is twice T

C Length Q squared is the same as P times T

D Length Q squared is the same as T times the sum of T and P

8 What geometry rule would help find length T?



(not to scale)

A Length T minus Z is twice X

B Length T is the same as Z plus X

C Length T squared is the same as Z times X

D Length T squared is the same as X times the sum of X and Z