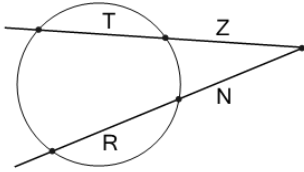




Geometry of Circles - Secant Secant Theorem Rule

1 What geometry rule would help find length T?



(not to scale)

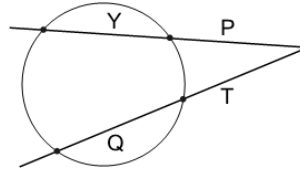
A Length Z times the sum of T and Z is the same as N times the sum of R and N

B Length Z times T is the same as N times R

C Length T times the sum of T and Z is the same as R times the sum of R and N

D Length Z plus T is the same as N plus R

2 What geometry rule would help find length Y?



(not to scale)

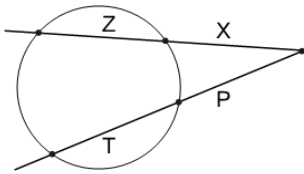
A Length P times Y is the same as T times Q

B Length Y times the sum of Y and P is the same as Q times the sum of Q and T

C Length P times the sum of Y and P is the same as T times the sum of Q and T

D Length P plus Y is the same as T plus Q

3 What geometry rule would help find length T?



(not to scale)

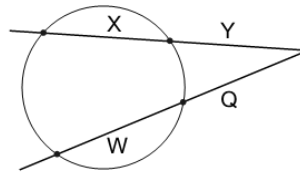
A Length X times Z is the same as P times T

B Length X times the sum of Z and X is the same as P times the sum of T and P

C Length Z times the sum of Z and X is the same as T times the sum of T and P

D Length X plus Z is the same as P plus T

4 What geometry rule would help find length X?



(not to scale)

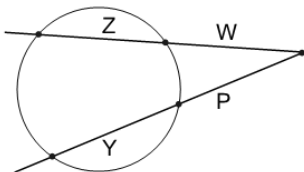
A Length Y times X is the same as Q times W

B Length Y times the sum of X and Y is the same as Q times the sum of W and Q

C Length X times the sum of X and Y is the same as W times the sum of W and Q

D Length Y plus X is the same as Q plus W

5 What geometry rule would help find length Y?



(not to scale)

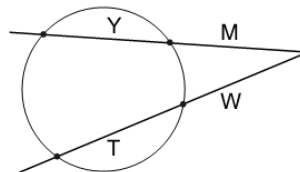
A Length Z times the sum of Z and W is the same as Y times the sum of Y and P

B Length W times Z is the same as P times Y

C Length W times the sum of Z and W is the same as P times the sum of Y and P

D Length W plus Z is the same as P plus Y

6 What geometry rule would help find length Y?



(not to scale)

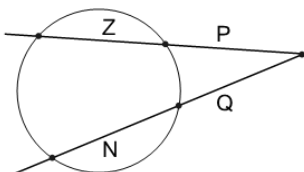
A Length M plus Y is the same as W plus T

B Length M times Y is the same as W times T

C Length Y times the sum of Y and M is the same as T times the sum of T and W

D Length M times the sum of Y and M is the same as W times the sum of T and W

7 What geometry rule would help find length P?



(not to scale)

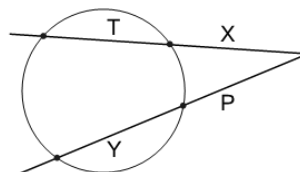
A Length P plus Z is the same as Q plus N

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

C Length P times Z is the same as Q times N

D Length P times the sum of Z and P is the same as Q times the sum of N and Q

8 What geometry rule would help find length Y?



(not to scale)

A Length X times T is the same as P times Y

B Length X times the sum of T and X is the same as P times the sum of Y and P

C Length X plus T is the same as P plus Y

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