

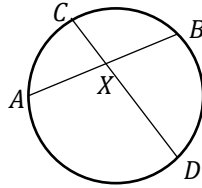


Name: _____

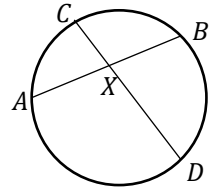


Intersecting Chords

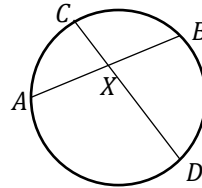
- a) $BX = 5\text{cm}$, $CX = 3\text{cm}$, $DX = 8\text{cm}$
Find the length of AX .



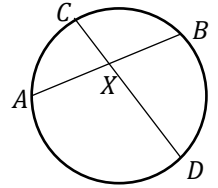
- d) $CD = 15\text{cm}$, $DX = 10\text{cm}$, $AX = 6\text{cm}$
Find the length of BX .



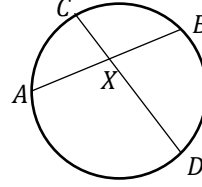
- b) $AX = 4\text{cm}$, $BX = 3\text{cm}$, $DX = 6\text{cm}$
Find the length of CX .



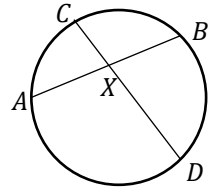
- e) $AX = 8\text{cm}$, $CX = 3\text{cm}$, $AB = 24\text{cm}$
Find the length of DX .



- c) $AX = 7\text{cm}$, $BX = 6\text{cm}$, $CX = 4\text{cm}$
Find the length of DX .

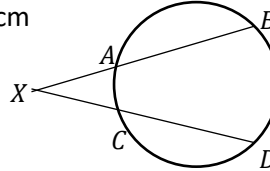


- f) $BX = 12\text{cm}$, $CX = 5\text{cm}$, $CD = 20\text{cm}$
Find the length of AX .

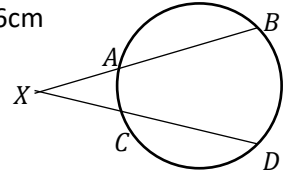


Intersecting Secants

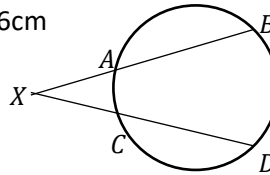
- g) $BX = 12\text{cm}$, $CX = 6\text{cm}$, $DX = 9\text{cm}$
Find the length of AX .



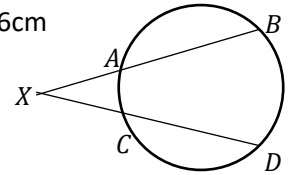
- j) $CD = 12\text{cm}$, $DX = 20\text{cm}$, $AX = 6\text{cm}$
Find the length of AB .



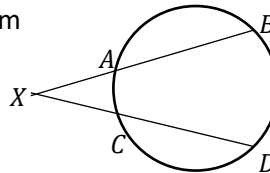
- h) $AX = 7\text{cm}$, $AB = 14\text{cm}$, $DX = 16\text{cm}$
Find the length of CX .



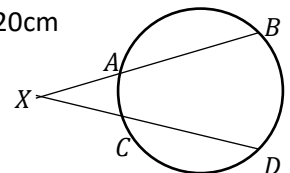
- k) $AX = 10\text{cm}$, $CX = 8\text{cm}$, $AB = 16\text{cm}$
Find the length of CD .



- i) $AX = 6\text{cm}$, $BX = 18\text{cm}$, $CX = 5\text{cm}$
Find the length of CD .



- l) $AB = 10\text{cm}$, $BX = 18\text{cm}$, $DX = 20\text{cm}$
Find the length of CD .



Exam question:

$AB = 12\text{cm}$, $CX = 6\text{cm}$, $CD = 15\text{cm}$
Find the length of AX .

