(a) Find the value of k. Give your answer correct to 5 decimal places. The table shows the gradients of the chords AB, AC, AD and AF. Chord AB AC AD AE AF Gradient of 6.2501 6.2511 6.2608 7.2288 (b) Find the gradient of the chord AE. Give your answer correct to 4 decimal places. (c) Deduce the value of f'(2) using the values in the table.	7.2288	AE	C, AD and AF. AD 6.2608	nords <i>AB</i> , <i>AC AC</i> 6.2511	AB 6.2501	Chord Gradient of chord	The t
Chord AB AC AD AE AF Gradient of chord 6.2501 6.2511 6.2608 7.2288 (b) Find the gradient of the chord AE. Give your answer correct to 4 decimal places.	7.2288		AD 6.2608	<i>AC</i> 6.2511	<i>AB</i> 6.2501	Chord Gradient of chord	
Chord AB AC AD AE AF Gradient of chord 6.2501 6.2511 6.2608 7.2288 (b) Find the gradient of the chord AE. Give your answer correct to 4 decimal places.	7.2288		AD 6.2608	<i>AC</i> 6.2511	<i>AB</i> 6.2501	Chord Gradient of chord	
Chord AB AC AD AE AF Gradient of chord 6.2501 6.2511 6.2608 7.2288 (b) Find the gradient of the chord AE. Give your answer correct to 4 decimal places.	7.2288		AD 6.2608	<i>AC</i> 6.2511	<i>AB</i> 6.2501	Chord Gradient of chord	
Chord AB AC AD AE AF Gradient of chord 6.2501 6.2511 6.2608 7.2288 (b) Find the gradient of the chord AE. Give your answer correct to 4 decimal places.	7.2288		AD 6.2608	<i>AC</i> 6.2511	<i>AB</i> 6.2501	Chord Gradient of chord	
Chord AB AC AD AE AF Gradient of chord 6.2501 6.2511 6.2608 7.2288 (b) Find the gradient of the chord AE. Give your answer correct to 4 decimal places.	7.2288		AD 6.2608	<i>AC</i> 6.2511	<i>AB</i> 6.2501	Chord Gradient of chord	
Chord AB AC AD AE AF Gradient of chord 6.2501 6.2511 6.2608 7.2288 (b) Find the gradient of the chord AE. Give your answer correct to 4 decimal places.	7.2288		AD 6.2608	<i>AC</i> 6.2511	<i>AB</i> 6.2501	Chord Gradient of chord	
Gradient of chord 6.2501 6.2511 6.2608 7.2288 (b) Find the gradient of the chord AE. Give your answer correct to 4 decimal places.	7.2288		6.2608	6.2511	6.2501	Gradient of chord	
chord 6.2501 6.2511 6.2608 7.2288 (b) Find the gradient of the chord AE. Give your answer correct to 4 decimal places.		o 4 decimal				chord	
	aces.	o 4 decimal	nnswer correct	'. Give your a	f the chord AE	Find the gradient of	
	aces.	o 4 decimal	answer correct	'. Give your a	f the chord AE	Find the gradient of	
(c) Deduce the value of f'(2) using the values in the table.							(b)
(c) Deduce the value of f'(2) using the values in the table.							` /
(c) Deduce the value of f'(2) using the values in the table.		• • • • • • • • • • • • • • • • • • • •	•••••		• • • • • • • • • • • • • • • • • • • •		
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