

SQUARE

TEXAS INSTRUMENTS				
SQUARE				
>Perimeter	>Area			
Side				<< Menu

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S Q U A R E

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Enter Side	M	A
Perimeter calculation	M	A'
Area calculation	M2	B'
Return to the Main Menu	E	

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S Q U A R E

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// ##### ENTER SIDE #####
LBL A
STO 01 SBR WRT OP 00
3 6 2 4 1 6 1 7 0 0 OP 01
OP 05
OP 00
3 0 SBR TAN OP 04
SBR FIX RCL 01 OP 06
CLR
R/S

// ##### MENU #####
LBL E
LDP 00
R/S

// ##### PERIMETER CALCULATION #####
LBL A'
INV FIX RCL 01 * 4 =
STO 09 OP 00
3 3 1 7 3 5 2 4 3 0 OP 01
1 7 3 7 1 7 3 5 0 0 OP 02
OP 05
OP 00
3 0 SBR TAN OP 04
SBR FIX RCL 09 OP 06
CLR
R/S

// ##### AREA CALCULATION #####
LBL B'
INV FIX RCL 01 X2 =
STO 04 OP 00
1 3 3 5 1 7 1 3 0 0 OP 01
OP 05
OP 00
3 0 0 3 SBR COS OP 04
SBR FIX RCL 04 OP 06
CLR
R/S

// ##### INITIALIZATION #####
LBL WRT
0 STO 03 1 STO 10
CLR
ADV OP 00
2 0 2 0 2 0 2 0 2 0 OP 01
OP 02
OP 03
OP 04
OP 05
RTN

// ##### REPLACE 4 CHARACTERS #####
LBL SIN
* 4 INV LOG =
RTN

// ##### REPLACE 6 CHARACTERS #####

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```
LBL COS
* 6 INV LOG =
RTN

// ##### REPLACE 8 CHARACTERS #####
LBL TAN
* 8 INV LOG =
RTN

// ##### CHANGE DECIMALS #####
LBL FIX
HIR 10 STO 00 FIX IND 00
RTN
```



L A B E L S		
001	11	A
039	15	E
044	16	A'
099	17	B'
143	96	WRI
176	38	SIN
184	39	COS
192	30	TAN
200	58	FIX

Adr	Branch.
COS	130 71 SBR
FIX	030 71 SBR
FIX	090 71 SBR
FIX	134 71 SBR
TAN	026 71 SBR
TAN	086 71 SBR
WRI	004 71 SBR

Reg.	Instr.
00	203 42 STO
01	002 42 STO 032 43 RCL 047 43 RCL 102 43 RCL
03	145 42 STO
04	106 42 STO 136 43 RCL
09	052 42 STO 092 43 RCL
10	148 42 STO

