

Program:

Area Equation

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: ClrHome
: Menu("AREA OF
WHAT?", "TRIANGLE", 2, "PARALLE
LOGRAM", 3, "TRAPEZOID", 4, "CIR
CLE", 5, "KITE...", 6)
: Lbl 2
: ClrHome
: Disp "A = (1/2)BH"
: Prompt B,H
: (.5*B*H)→A
: Disp "AREA =",A
: Stop
: Lbl 3
: ClrHome
: Disp "A = BH"
: Prompt B,H
: (B*H)→A
: Disp "AREA =",A
: Stop
: Lbl 4
: ClrHome
: Disp "A = 1/2(B1+B2)H"
: Input "BASE 1:",B
: Input "BASE 2:",C
: Prompt H
: (1/2)*(B+C)*H→A
: Disp "AREA =",A
: Stop
: Lbl 5
: ClrHome
: Disp "A = πR2"
: Prompt R
: πR2→A
: Disp "AREA =",A
: Stop
: Lbl 6
: Menu("AREA
METHODS:", "DIAGONALS", 7, "TRI
G W/ sin(", 8)
: Lbl 7
: ClrHome
: Disp "A = (D1*D2)/2"
: Input "DIAGONAL 1:",D
: Input "DIAGONAL 2:",E
: (D*E)/2→A
: Disp "AREA =",A
: Stop
: Lbl 8
: ClrHome
: Disp "AREA = ABsin(C)"
: Input "A=?",B
: Input "B=?",C
: Input "C=?",D
: sin(C)*(B*C)→A
: Disp "AREA =",A
: Stop
```