

# Summing up rows of Pascals Triangle.

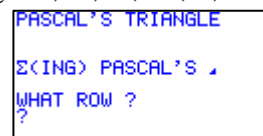
*This resource was written by Derek Smith with the support of CASIO New Zealand. It may be freely distributed but remains the intellectual property of the author and CASIO.*

Select PRGM mode from the main menu by using the arrow keys to highlight the TABLE icon or pressing **X,?,T** or **ALPHA** A.

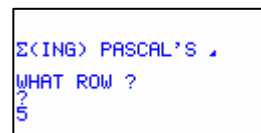


```
"PASCAL'S TRIANGLE"
"?(ING) PASCAL'S"
"WHAT ROW ?"
?? A
0? B
0? C
0? D
0? E
0? F
Fix 0
Lbl 1
D=A+1 Goto 2
ACD? F
F
F+C? E
E+C
D+1? D
Goto 1
Lbl 2
"THE SUM IS ..."
E▲
"END"
```

**Example:** Find the sum of the 5<sup>th</sup> row of Pascals triangle 1, 5, 10, 10, 5, 1  
**Solution:** Activate the programme to get the following screen.



Enter in 5 then press **EXE**



Keep pressing **EXE** to get the following Pascal triangle numbers and then the sum, 32.

