Squares and Cubes in the Quran

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Abstract

This short paper shows that there is a strong squares and cubes relationship in the Quran. The chapters that have numbers that are perfect squares have various relationships that yield perfect squares. The chapters that have numbers of verses that are perfect cubes yield one relationship, thus far, that is a perfect cube.

Introduction

The Quran never ceases to deliver miracles in the different fields. In this short paper we show two numerical relationships that are very interesting.

Perfect Squares

The table below shows the suras that have an order number that is a perfect square together with the number of verses (ayas) in each sura. The digit sum of the number of ayas (the digit sum is the simple arithmetic addition of the digits that form the number [1]).

	Digit Sum	Verses	Chapter
	7	7	1
	14	176	4
	12	129	9
	11	128	16
	14	77	25
	11	83	36
	9	18	49
	9	18	64
	11	29	81
	2	11	100
Sum	100	676	385
Type	square	square	not square
Roots	10*10	26*26	Digit Sum = 16
Root Diff	26–10=16	26+10=36	Square
Type	square	square	4*4
Sum Difference		576	
Roots		24*24	

Table 1: Relationship between the number of verses in the chapters that have a perfect squared number.

We see from the table that the total number of verses in the chapters is itself a perfect square (26^2). We see that the total of the digit sums of the number of verses in each chapter is a perfect square (10^2). The difference between the total number of verses and the total of the digit

sum is a perfect square (24^2) and that the digit sum of the total of the chapter numbers is a perfect square (4^2).

Perfect Cube Number of Ayas

There are six chapters in the Quran that have a perfect cube number of ayas; namely chapters 24 Alnoor with 64 (4^3) ayas and Alsharah 94, Alteen 95, Albayyena 98, Alzilzila 99 and Altakathor 102 all having 8 (2^3) verses. Table 2 summarizes these results as well as the relationship between these numbers:

	Verses	Chapter
cubic	8	94
cubic	8	95
cubic	8	98
cubic	8	99
cubic	8	102
cubic	64	24
Total		512
Type		Perfect cube
Root		8
Digit Sum		5+1+2=8
Type		Perfect cube

Table 2 Relationship between the chapter numbers that have a number of ayas that is a perfect cube and the total of these chapter numbers.

We see from table 2 that the total of the chapter numbers is 512 which itself is a perfect cube (8^3). The digit sum of this total is 8 which is also a perfect cube (2^3).

Conclusion

The Quran never ceases to deliver numerical miracles that leave no doubt that it came from Allah and may give a hint that there is more to the Quran than just the text and its meanings and its beauty.

References

[1] Ali Adams: www.heliwave.com.

[2] The holy Quran