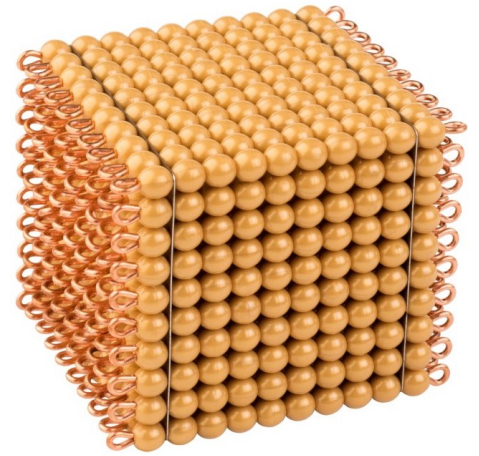
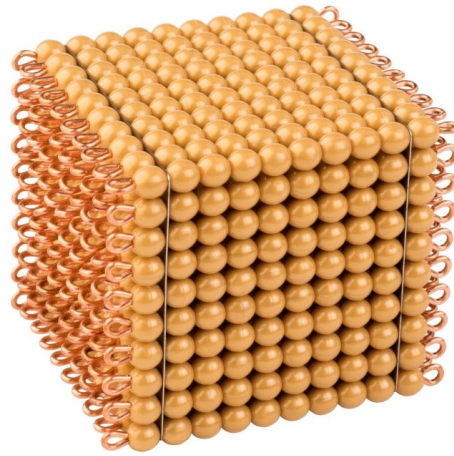
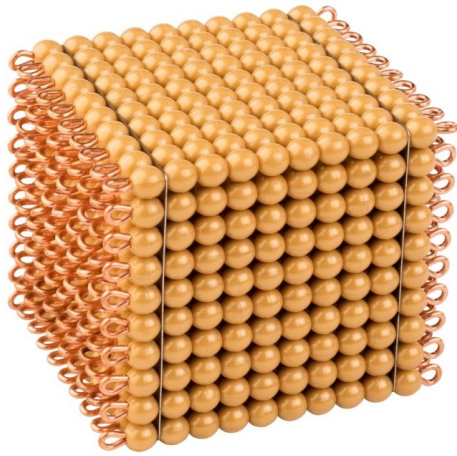
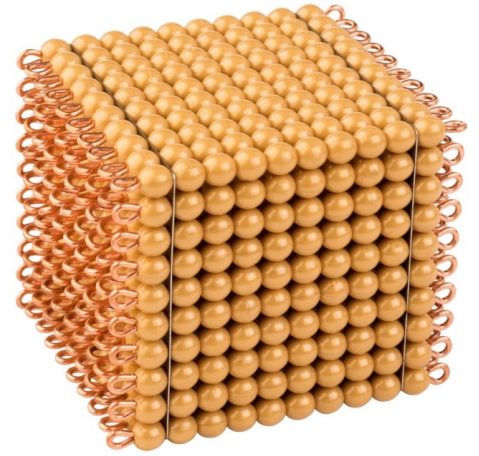
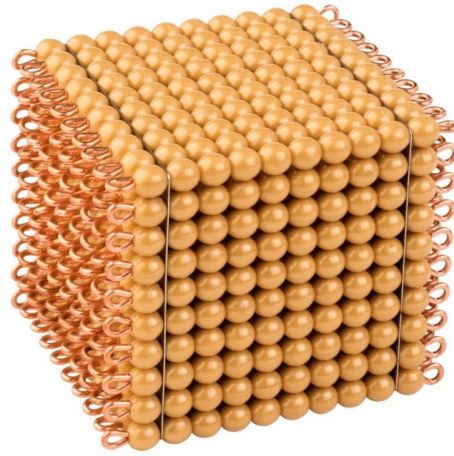
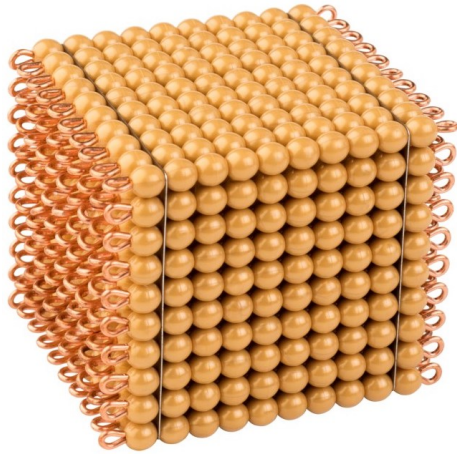
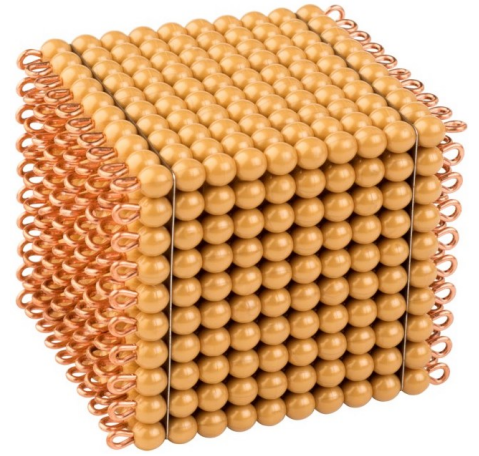
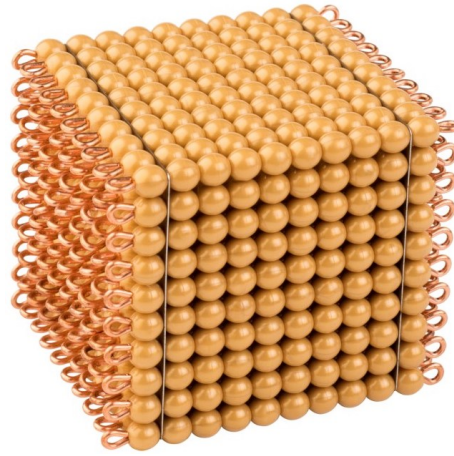
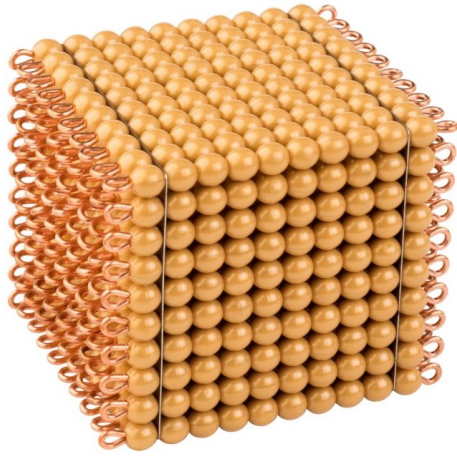











GOLDEN BEAD MATERIAL



Stamp Game Home Material from Walden Green Montessori

1	1	1	10	10	10	100	100	1,000	
1	1	1	10	10	10	100	100	1,000	
1	1	1	10	10	10	100	100	1,000	
1	1	1	10	10	10	100	100	1,000	
1	1	1	10	10	10	100	100	1,000	
1	1	1	10	10	10	100	100	1,000	
1	1	1	10	10	10	100	100	1,000	
1	1	1	10	10	10	100	100	1,000	
1	1	1	10	10	10	100	100	1,000	

Checkerboard Home Material from Walden Green Montessori

million(s)

hundred thousand(s)

ten thousand(s)

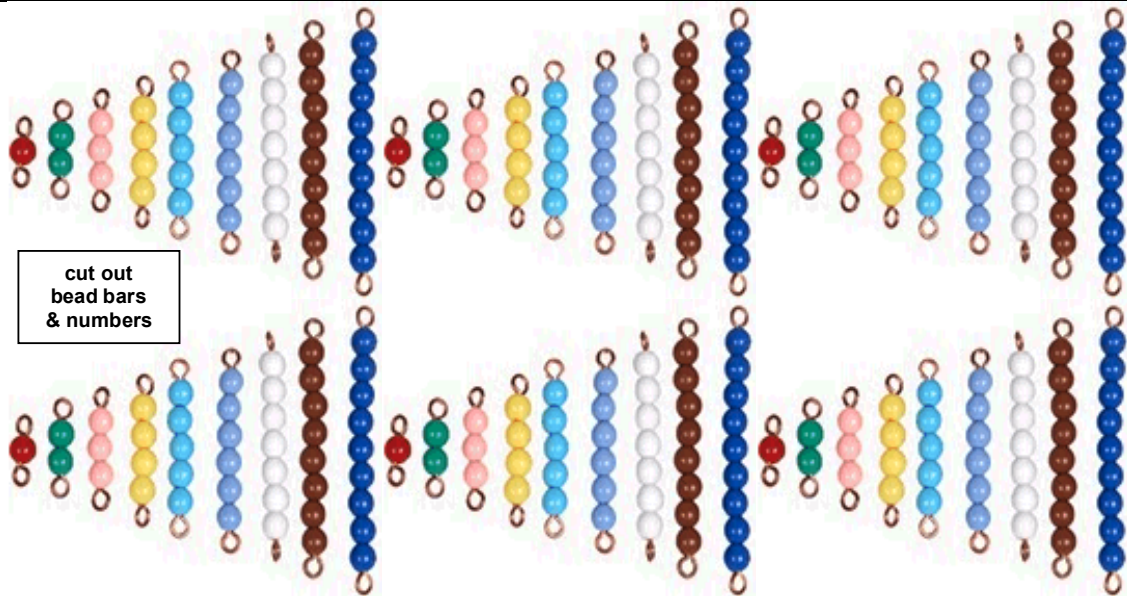
thousand(s)

hundred(s)

ten(s)

unit(s)

X



0	1	2	3	4
5	6	7	8	9
0	1	2	3	4
5	6	7	8	9
0	1	2	3	4
5	6	7	8	9

Decimal Checkerboard Home Material from Walden Green Montessori

1,000,000 million	100,000 hundred thousand	10,000 ten thousand	1,000 thousand	100 hundred	10 ten	1 unit	0.1 tenth	0.01 hundredth	0.001 thousandth	0.0001 ten thousandth	0.00001 hundred thousandth	0.000001 millionth	X
													1,000 thousand
													100 hundred
													10 ten
													1 unit

Checkerboard
by Mark

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Fraction & Percentage Home Material from Walden Green Montessori

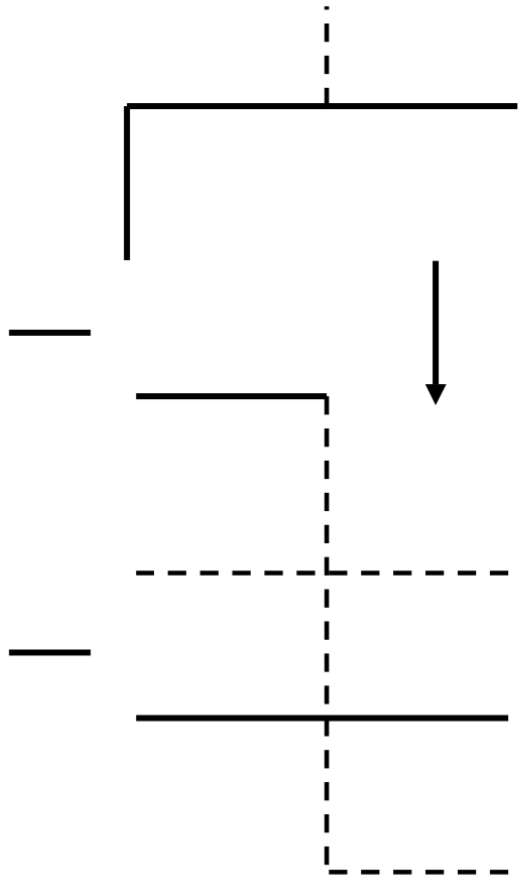
1 WHOLE																																																	
$\frac{1}{2}$																									$\frac{2}{2}$																								
$\frac{1}{3}$																$\frac{2}{3}$									$\frac{3}{3}$																								
$\frac{1}{4}$												$\frac{2}{4}$												$\frac{3}{4}$												$\frac{4}{4}$													
$\frac{1}{5}$										$\frac{2}{5}$										$\frac{3}{5}$										$\frac{4}{5}$										$\frac{5}{5}$									
$\frac{1}{6}$								$\frac{2}{6}$								$\frac{3}{6}$								$\frac{4}{6}$								$\frac{5}{6}$								$\frac{6}{6}$									
$\frac{1}{7}$							$\frac{2}{7}$							$\frac{3}{7}$							$\frac{4}{7}$							$\frac{5}{7}$							$\frac{6}{7}$							$\frac{7}{7}$							
$\frac{1}{8}$						$\frac{2}{8}$						$\frac{3}{8}$						$\frac{4}{8}$						$\frac{5}{8}$						$\frac{6}{8}$						$\frac{7}{8}$						$\frac{8}{8}$							
$\frac{1}{9}$					$\frac{2}{9}$					$\frac{3}{9}$					$\frac{4}{9}$					$\frac{5}{9}$					$\frac{6}{9}$					$\frac{7}{9}$					$\frac{8}{9}$					$\frac{9}{9}$									
$\frac{1}{10}$				$\frac{2}{10}$				$\frac{3}{10}$				$\frac{4}{10}$				$\frac{5}{10}$				$\frac{6}{10}$				$\frac{7}{10}$				$\frac{8}{10}$				$\frac{9}{10}$				$\frac{10}{10}$													
$\frac{1}{12}$				$\frac{2}{12}$				$\frac{3}{12}$				$\frac{4}{12}$				$\frac{5}{12}$				$\frac{6}{12}$				$\frac{7}{12}$				$\frac{8}{12}$				$\frac{9}{12}$				$\frac{10}{12}$				$\frac{11}{12}$				$\frac{12}{12}$					
$\frac{1}{15}$			$\frac{2}{15}$			$\frac{3}{15}$			$\frac{4}{15}$			$\frac{5}{15}$			$\frac{6}{15}$			$\frac{7}{15}$			$\frac{8}{15}$			$\frac{9}{15}$			$\frac{10}{15}$			$\frac{11}{15}$			$\frac{12}{15}$			$\frac{13}{15}$			$\frac{14}{15}$			$\frac{15}{15}$							
$\frac{1}{20}$		$\frac{2}{20}$		$\frac{3}{20}$		$\frac{4}{20}$		$\frac{5}{20}$		$\frac{6}{20}$		$\frac{7}{20}$		$\frac{8}{20}$		$\frac{9}{20}$		$\frac{10}{20}$		$\frac{11}{20}$		$\frac{12}{20}$		$\frac{13}{20}$		$\frac{14}{20}$		$\frac{15}{20}$		$\frac{16}{20}$		$\frac{17}{20}$		$\frac{18}{20}$		$\frac{19}{20}$		$\frac{20}{20}$											
$\frac{1}{25}$		$\frac{2}{25}$		$\frac{3}{25}$		$\frac{4}{25}$		$\frac{5}{25}$		$\frac{6}{25}$		$\frac{7}{25}$		$\frac{8}{25}$		$\frac{9}{25}$		$\frac{10}{25}$		$\frac{11}{25}$		$\frac{12}{25}$		$\frac{13}{25}$		$\frac{14}{25}$		$\frac{15}{25}$		$\frac{16}{25}$		$\frac{17}{25}$		$\frac{18}{25}$		$\frac{19}{25}$		$\frac{20}{25}$		$\frac{21}{25}$		$\frac{22}{25}$		$\frac{23}{25}$		$\frac{24}{25}$		$\frac{25}{25}$	
$\frac{1}{30}$	$\frac{2}{30}$	$\frac{3}{30}$	$\frac{4}{30}$	$\frac{5}{30}$	$\frac{6}{30}$	$\frac{7}{30}$	$\frac{8}{30}$	$\frac{9}{30}$	$\frac{10}{30}$	$\frac{11}{30}$	$\frac{12}{30}$	$\frac{13}{30}$	$\frac{14}{30}$	$\frac{15}{30}$	$\frac{16}{30}$	$\frac{17}{30}$	$\frac{18}{30}$	$\frac{19}{30}$	$\frac{20}{30}$	$\frac{21}{30}$	$\frac{22}{30}$	$\frac{23}{30}$	$\frac{24}{30}$	$\frac{25}{30}$	$\frac{26}{30}$	$\frac{27}{30}$	$\frac{28}{30}$	$\frac{29}{30}$	$\frac{30}{30}$	$\frac{31}{30}$	$\frac{32}{30}$	$\frac{33}{30}$	$\frac{34}{30}$	$\frac{35}{30}$	$\frac{36}{30}$	$\frac{37}{30}$	$\frac{38}{30}$	$\frac{39}{30}$	$\frac{40}{30}$										
$\frac{1}{40}$	$\frac{2}{40}$	$\frac{3}{40}$	$\frac{4}{40}$	$\frac{5}{40}$	$\frac{6}{40}$	$\frac{7}{40}$	$\frac{8}{40}$	$\frac{9}{40}$	$\frac{10}{40}$	$\frac{11}{40}$	$\frac{12}{40}$	$\frac{13}{40}$	$\frac{14}{40}$	$\frac{15}{40}$	$\frac{16}{40}$	$\frac{17}{40}$	$\frac{18}{40}$	$\frac{19}{40}$	$\frac{20}{40}$	$\frac{21}{40}$	$\frac{22}{40}$	$\frac{23}{40}$	$\frac{24}{40}$	$\frac{25}{40}$	$\frac{26}{40}$	$\frac{27}{40}$	$\frac{28}{40}$	$\frac{29}{40}$	$\frac{30}{40}$	$\frac{31}{40}$	$\frac{32}{40}$	$\frac{33}{40}$	$\frac{34}{40}$	$\frac{35}{40}$	$\frac{36}{40}$	$\frac{37}{40}$	$\frac{38}{40}$	$\frac{39}{40}$	$\frac{40}{40}$										
$\frac{1}{50}$	$\frac{2}{50}$	$\frac{3}{50}$	$\frac{4}{50}$	$\frac{5}{50}$	$\frac{6}{50}$	$\frac{7}{50}$	$\frac{8}{50}$	$\frac{9}{50}$	$\frac{10}{50}$	$\frac{11}{50}$	$\frac{12}{50}$	$\frac{13}{50}$	$\frac{14}{50}$	$\frac{15}{50}$	$\frac{16}{50}$	$\frac{17}{50}$	$\frac{18}{50}$	$\frac{19}{50}$	$\frac{20}{50}$	$\frac{21}{50}$	$\frac{22}{50}$	$\frac{23}{50}$	$\frac{24}{50}$	$\frac{25}{50}$	$\frac{26}{50}$	$\frac{27}{50}$	$\frac{28}{50}$	$\frac{29}{50}$	$\frac{30}{50}$	$\frac{31}{50}$	$\frac{32}{50}$	$\frac{33}{50}$	$\frac{34}{50}$	$\frac{35}{50}$	$\frac{36}{50}$	$\frac{37}{50}$	$\frac{38}{50}$	$\frac{39}{50}$	$\frac{40}{50}$										

100%																	
50%					100%												
33%			66%				100%										
25%			50%			75%			100%								
20%		40%			60%		80%		100%								
16.6%		33%			50%		66%		83%	100%							
14.2%		28.5%			42.8%		57.1%		71.4%		85.7%	100%					
12.5%		25%			37.5%		50%		62.5%		75%		87.5%	100%			
11.1%		22.2%			33%		44.4%		55.5%		66%		77.7%		88.8%	100%	
10%	20%		30%		40%		50%		60%		70%		80%		90%		100%

Long Division Home Material (Abstraction) from Walden Green Montessori

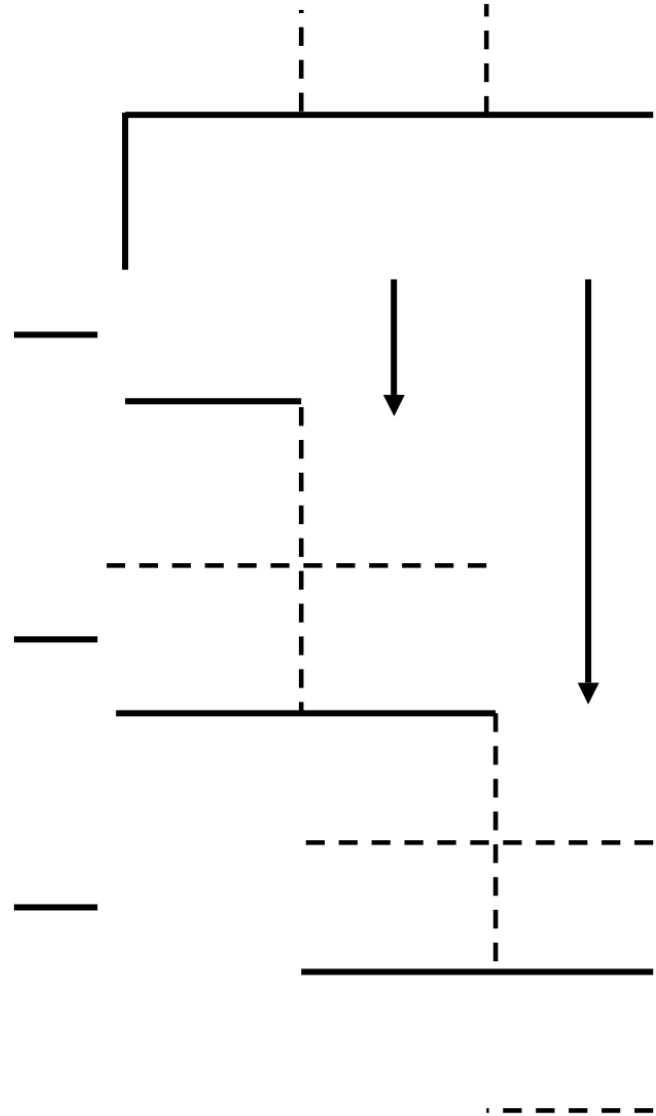
Long Division Chart

Double-digit dividend: Fit it in, Multiply, then Subtract



Long Division Chart

Triple-digit dividend: Fit it in, Multiply, then Subtract



Math Reference by Mark

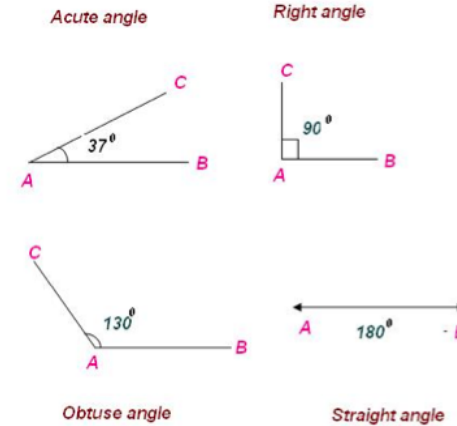
= equal to	$1 = 1.0 = 100\%$
≠ not equal to	$1/2 = 0.5 = 50\%$
> greater than	$1/3 = .333 = 33.3\%$
< less than	$1/4 = 0.25 = 25\%$
≥ greater than or equal to	$1/5 = 0.20 = 20\%$
≤ less than or equal to	$1/6 = 0.166 = 16.6\%$
perimeter = total distance around	$1/8 = 0.125 = 12.5\%$
area = length x width = L x W	$1/9 = .111 = 11.1\%$
1 mile = 5,280 feet	$1/10 = 0.1 = 10\%$
1 yard = 3 feet	$1/12 = 0.083 = 8.3\%$
1 foot = 12 inches	$2/3 = .666 = 66.6\%$
1 kilometer = 1,000 meters	$3/4 = 0.75 = 75\%$
1 meter = 100 centimeters	$4/5 = 0.80 = 80\%$

thousand	hundred	ten	unit	tenth	hundredth	thousandth
1,000	100	10	1	.1	.01	.001

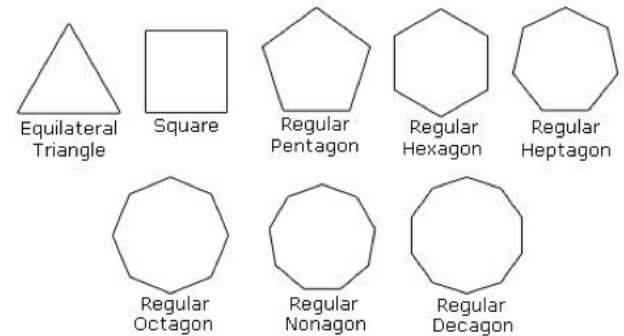
Multiplication/Division Table

× ÷	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Angles



Polygons



Solids (3D)

