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# **MATHEMATICAL TABLES**

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REPUBLIC OF MALDIVES

**FOURTH EDITION**

To: .....

**WITH COMPLIMENTS**

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# MATHEMATICAL TABLES

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**ADDITION TABLE***(+ PLUS, = IS EQUAL TO)*

$1 + 1 = 2$	one plus one is two
$2 + 1 = 3$	two plus one is three
$3 + 1 = 4$	three plus one is four
$4 + 1 = 5$	four plus one is five
$5 + 1 = 6$	five plus one is six
$6 + 1 = 7$	six plus one is seven
$7 + 1 = 8$	seven plus one is eight
$8 + 1 = 9$	eight plus one is nine
$9 + 1 = 10$	nine plus one is ten

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$2 + 2 = 4$	two plus two is four
$3 + 2 = 5$	three plus two is five
$4 + 2 = 6$	four plus two is six
$5 + 2 = 7$	five plus two is seven
$6 + 2 = 8$	six plus two is eight
$7 + 2 = 9$	seven plus two is nine
$8 + 2 = 10$	eight plus two is ten
$9 + 2 = 11$	nine plus two is eleven

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$3 + 3 = 6$	three plus three is six
$4 + 3 = 7$	four plus three is seven
$5 + 3 = 8$	five plus three is eight
$6 + 3 = 9$	six plus three is nine
$7 + 3 = 10$	seven plus three is ten
$8 + 3 = 11$	eight plus three is eleven
$9 + 3 = 12$	nine plus three is twelve

$4 + 4 = 8$	four plus four is eight
$5 + 4 = 9$	five plus four is nine
$6 + 4 = 10$	six plus four is ten
$7 + 4 = 11$	seven plus four is eleven
$8 + 4 = 12$	eight plus four is twelve
$9 + 4 = 13$	nine plus four is thirteen

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$5 + 5 = 10$	five plus five is ten
$6 + 5 = 11$	six plus five is eleven
$7 + 5 = 12$	seven plus five is twelve
$8 + 5 = 13$	eight plus five is thirteen
$9 + 5 = 14$	nine plus five is fourteen

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$6 + 6 = 12$	six plus six is twelve
$7 + 6 = 13$	seven plus six is thirteen
$8 + 6 = 14$	eight plus six is fourteen
$9 + 6 = 15$	nine plus six is fifteen

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$7 + 7 = 14$	seven plus seven is fourteen
$8 + 7 = 15$	eight plus seven is fifteen
$9 + 7 = 16$	nine plus seven is sixteen

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$8 + 8 = 16$	eight plus eight is sixteen
$9 + 8 = 17$	nine plus eight is seventeen

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$9 + 9 = 18$	nine plus nine is eighteen
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## ADDITION TABLE

1	2	3	4	5	6	7	8	9	10
PLUS									
1 = 2	1 = 3	1 = 4	1 = 5	1 = 6	1 = 7	1 = 8	1 = 9	1 = 10	1 = 11
2 = 3	2 = 4	2 = 5	2 = 6	2 = 7	2 = 8	2 = 9	2 = 10	2 = 11	2 = 12
3 = 4	3 = 5	3 = 6	3 = 7	3 = 8	3 = 9	3 = 10	3 = 11	3 = 12	3 = 13
4 = 5	4 = 6	4 = 7	4 = 8	4 = 9	4 = 10	4 = 11	4 = 12	4 = 13	4 = 14
5 = 6	5 = 7	5 = 8	5 = 9	5 = 10	5 = 11	5 = 12	5 = 13	5 = 14	5 = 15
6 = 7	6 = 8	6 = 9	6 = 10	6 = 11	6 = 12	6 = 13	6 = 14	6 = 15	6 = 16
7 = 8	7 = 9	7 = 10	7 = 11	7 = 12	7 = 13	7 = 14	7 = 15	7 = 16	7 = 17
8 = 9	8 = 10	8 = 11	8 = 12	8 = 13	8 = 14	8 = 15	8 = 16	8 = 17	8 = 18
9 = 10	9 = 11	9 = 12	9 = 13	9 = 14	9 = 15	9 = 16	9 = 17	9 = 18	9 = 19
10 = 11	10 = 12	10 = 13	10 = 14	10 = 15	10 = 16	10 = 17	10 = 18	10 = 19	10 = 20
11 = 12	11 = 13	11 = 14	11 = 15	11 = 16	11 = 17	11 = 18	11 = 19	11 = 20	11 = 21
12 = 13	12 = 14	12 = 15	12 = 16	12 = 17	12 = 18	12 = 19	12 = 20	12 = 21	12 = 22

## MULTIPLICATION TABLE

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

**MULTIPLICATION TABLE***(x TIMES, = IS EQUAL TO)*

$1 \times 1 = 1$  one times one is one  
 $2 \times 1 = 2$  two times one is two  
 $3 \times 1 = 3$  three times one is three  
 $4 \times 1 = 4$  four times one is four  
 $5 \times 1 = 5$  five times one is five  
 $6 \times 1 = 6$  six times one is six  
 $7 \times 1 = 7$  seven times one is seven  
 $8 \times 1 = 8$  eight times one is eight  
 $9 \times 1 = 9$  nine times one is nine

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$2 \times 2 = 4$  two times two is four  
 $3 \times 2 = 6$  three times two is six  
 $4 \times 2 = 8$  four times two is eight  
 $5 \times 2 = 10$  five times two is ten  
 $6 \times 2 = 12$  six times two is twelve  
 $7 \times 2 = 14$  seven times two is fourteen  
 $8 \times 2 = 16$  eight times two is sixteen  
 $9 \times 2 = 18$  nine times two is eighteen

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$3 \times 3 = 9$  three times three is nine  
 $4 \times 3 = 12$  four times three is twelve  
 $5 \times 3 = 15$  five times three is fifteen  
 $6 \times 3 = 18$  six times three is eighteen  
 $7 \times 3 = 21$  seven times three is twenty one  
 $8 \times 3 = 24$  eight times three is twenty four  
 $9 \times 3 = 27$  nine times three is twenty seven

$4 \times 4 = 16$  four times four is sixteen  
 $5 \times 4 = 20$  five times four is twenty  
 $6 \times 4 = 24$  six times four is twenty four  
 $7 \times 4 = 28$  seven times four is twenty eight  
 $8 \times 4 = 32$  eight times four is thirty two  
 $9 \times 4 = 36$  nine times four is thirty six

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$5 \times 5 = 25$  five times five is twenty five  
 $6 \times 5 = 30$  six times five is thirty  
 $7 \times 5 = 35$  seven times five is thirty five  
 $8 \times 5 = 40$  eight times five is forty  
 $9 \times 5 = 45$  nine times five is forty five

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$6 \times 6 = 36$  six times six is thirty six  
 $7 \times 6 = 42$  seven times six is forty two  
 $8 \times 6 = 48$  eight times six is forty eight  
 $9 \times 6 = 54$  nine times six is fifty four

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$7 \times 7 = 49$  seven times seven is forty nine  
 $8 \times 7 = 56$  eight times seven is fifty six  
 $9 \times 7 = 63$  nine times seven is sixty three

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$8 \times 8 = 64$  eight times eight is sixty four  
 $9 \times 8 = 72$  nine times eight is seventy two  


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 $9 \times 9 = 81$  nine times nine is eighty one

# IMPERIAL SYSTEM

## Measurement of Length

12 inches (in).....	= 1 foot (ft)
3 feet (ft).....	= 1 yard (yd)
6 feet (ft).....	= 1 fathom (fm)
100 links (lk).....	= 1 chain (ch)
66 feet (ft) or 22 yards (yd).....	= 1 chain (ch)
5 1/2 yards (yd).....	= 1 pole (po)
220 yards (yd).....	= 1 furlong (fur)
10 chains (ch).....	= 1 furlong (fur)
8 furlongs (fur).....	= 1 statute mile (mile)
1760 yards (yd).....	= 1 statute mile (mile)
5280 feet (ft).....	= 1 statute mile (mile)
6080 feet (ft).....	= 1 Admiralty nautical mile
80 chains (ch).....	= 1 mile (mile)

## Measurement of Area

144 square inches (in <sup>2</sup> ).....	= 1 square foot (ft <sup>2</sup> )
9 square feet (ft <sup>2</sup> ).....	= 1 square yard (yd <sup>2</sup> )
30 1/4 square yards (yd <sup>2</sup> ).....	= 1 square pole (po <sup>2</sup> )
16 square poles (po <sup>2</sup> ).....	= 1 square chain (ch <sup>2</sup> )
484 square yards (yd <sup>2</sup> ).....	= 1 square chain (ch <sup>2</sup> )
10000 square links (lk <sup>2</sup> ).....	= 1 square chain (ch <sup>2</sup> )
40 square poles (po <sup>2</sup> ).....	= 1 rood (rd)
25000 square links (lk <sup>2</sup> ).....	= 1 rood (rd)
10890 square feet (ft <sup>2</sup> ).....	= 1 rood (rd)

1210 square yards (yd <sup>2</sup> ) .....	= 1 rood (rd)
4 roods (rd) .....	= 1 acre (ac)
10 square chains (ch <sup>2</sup> ) .....	= 1 acre (ac)
100000 square links (lk <sup>2</sup> ) .....	= 1 acre (ac)
43560 square feet (ft <sup>2</sup> ) .....	= 1 acre (ac)
4840 square yards (yd <sup>2</sup> ) .....	= 1 acre (ac)
160 square poles (po <sup>2</sup> ) .....	= 1 acre (ac)
640 acres (ac) .....	= 1 square mile (mile <sup>2</sup> )

### Measurement of Volume

1728 cubic inches (in <sup>3</sup> ) .....	= 1 cubic foot (ft <sup>3</sup> )
27 cubic feet (ft <sup>3</sup> ) .....	= 1 cubic yard (yd <sup>3</sup> )

### Measurement of Troy Weight

24 grains (gr) .....	= 1 pennyweight (dwt)
20 pennyweights (dwt) or 480 grains (gr) ....	= 1 ounce Troy (oz.Tr.)
12 ounces Troy (oz. Tr) .....	= 1 pounds Troy (lb. Tr.)

### Measurement of Avoirdupois Weight

27.344 grains (gr) .....	= 1 dram (dr)
16 drams (dr) .....	= 1 ounce (oz)
16 ounces (oz) .....	= 1 pound (lb)
14 pounds (lb) .....	= 1 stone (st)
28 pounds (lb) .....	= 1 quarter (qr)
112 pounds (lb) .....	= 1 hundredweight (cwt)

4 quarter (qr) .....	= 1 hundredweight (cwt)
8 stones (st) .....	= 1 hundredweight (cwt)
20 hundredweight (cwt) .....	= 1 ton (ton)

### Measurement of Liquid

60 minims (m) .....	= 1 fluid drachm
8 fluid drachms .....	= 1 fluid ounce (fl.oz.)
20 fluid ounces (fl.oz.) .....	= 1 pint (pt)
2 pints (pt) .....	= 1 quart (qt)
4 quarts (qt) .....	= 1 gallon (gal)
2 gallons (gal) .....	= 1 peck (pk)
4 pecks (pk) or 8 gallons (gal) .....	= 1 bushel (bush)
8 bushels (bus) .....	= 1 quarter (qr)
1 gallon (gal) .....	= 277.42 cubic inches (in <sup>3</sup> )

## METRIC SYSTEM

### Measurement of Length

10 millimetres (mm) .....	= 1 centimetre (cm)
10 centimetres (cm) .....	= 1 decimetre (dm)
10 decimetres (dm) .....	= 1 metre (m)
10 metres (m) .....	= 1 decametre (Dm)
10 decametres (Dm) .....	= 1 hectometre (hm)
10 hectometres (hm) .....	= 1 kilometre (km)
1853 metres (m) .....	= 1 international nautical mile (n. mile)

## Measurement of Area

100 square millimetres (mm <sup>2</sup> ) .....	= 1 square centimetre (cm <sup>2</sup> )
100 square centimetres (cm <sup>2</sup> ) .....	= 1 square decimetre (dm <sup>2</sup> )
100 square decimetres (dm <sup>2</sup> ) .....	= 1 square metre (m <sup>2</sup> )
100 square metres (m <sup>2</sup> ) .....	= 1 square decametre (Dm <sup>2</sup> )
100 square decametres (Dm <sup>2</sup> ) .....	= 1 hectare (ha)
100 hectares (ha) .....	= 1 square kilometre (km <sup>2</sup> )

## Measurement of Volume

1000 cubic millimetres (mm <sup>3</sup> ) .....	= 1 cubic centimetre (cm <sup>3</sup> )
1000 cubic centimetres (cm <sup>3</sup> ) .....	= 1 cubic decimetre (dm <sup>3</sup> )
1000 cubic decimetres (dm <sup>3</sup> ) .....	= 1 cubic metre (m <sup>3</sup> )
1000 cubic metres (m <sup>3</sup> ) .....	= 1 cubic decametre (Dm <sup>3</sup> )
1000 cubic decametres (Dm <sup>3</sup> ) .....	= 1 cubic hector metre (hm <sup>3</sup> )
1000 cubic hector metres (hm <sup>3</sup> ) .....	= 1 cubic kilometre (km <sup>3</sup> )

## Measurement of Weight

10 milligrams (mg) .....	= 1 centigram (cg)
10 centigrams (cg) .....	= 1 decigram (dg)
10 decigrams (dg) .....	= 1 gram (g)
10 grams (g) .....	= 1 decagram (Dg)
10 decagrams (Dg) .....	= 1 hectogram (hg)
10 hectograms (hg) .....	= 1 kilogram (kg)
1000 kilograms (Kg) .....	= 1 tonne (t)

## Measurement of Liquids

10 millilitres (ml) .....	= 1 centilitre (cl)
10 centilitres (cl) .....	= 1 decilitre (dl)
10 decilitres (dl) .....	= 1 litre (l)
10 litres (l) .....	= 1 decalitre (Dl)
10 decalitres (Dl) .....	= 1 hectolitre (hl)
10 hectolitres (hl) .....	= 1 kilolitre (kl)

## Temperature Equivalents

	FAHRENHEIT (F)	CENTIGRADE (C)
Boiling point	212° .....	100°
	194° .....	90°
	176° .....	80°
	158° .....	70°
	140° .....	60°
	122° .....	50°
	104° .....	40°
	86° .....	30°
	68° .....	20°
	50° .....	10°
Freezing point	32° .....	0°
	14° .....	-10°
	0° .....	-17.8°
	Absolute Zero	-459.67° .....

To convert Fahrenheit temperature into Centigrade:  
 subtract 32 and multiply by 5/9 (five-ninths)

To convert Centigrade temperature into Fahrenheit:  
 multiply by 9/5 (nine-fifths) and add 32.

## Speed

Light travels at 186,300 miles per second;  
 300,000 kilometres per second.

Sound travels at 1,130 feet per second;  
 330 metres per second;  
 770 miles per hour (the 'sound barrier')

## CONVERSION TABLE OF IMPERIAL AND METRIC

<u>TO BE CONVERTED</u>	<u>MULTIPLY BY</u>
Kilometres into miles .....	0.6214
Miles into kilometres .....	1.6093
Metres into feet .....	3.2808
Feet into metres .....	0.3048
Metres into yards .....	1.0936
Yards into metres .....	0.9144
Centimetres into inches .....	0.3937
Inches into centimetres .....	2.54
Square metres into sq. yards .....	1.196
Square yards into sq. metres .....	0.8361
Litres into cubic feet .....	0.03532
Cubic feet into litres .....	28.32
Litres into gallons .....	0.22
Gallons into litres .....	4.546 English
Gallons into litres .....	3.785 American
Cubic centimetres into pints .....	0.00176
Pints into cubic centimetres .....	568.261 English
Pints into cubic centimetres .....	473.179 American
Kilograms into pounds .....	2.2046
Pounds into kilograms .....	0.4536
Grams into grains .....	15.432
Grains into grams .....	0.0648
Grams into ounces .....	00.03527
Ounces into grams .....	28.349

**Length**

	<b>METRIC</b>	<b>GB &amp; US</b>
10 millimetres (mm)	= 1 centimetre (cm)	= 0.3937 inches (in)
100 centimetres (cm)	= 1 metre (m)	= 39.37 inches (in) or 1.094 yards (yd)
1000 metres (m)	= 1 kilometre (km)	= 0.62137 miles (mi) or about 5/8 mile (mi)

**Surface**

	<b>METRIC</b>	<b>GB &amp; US</b>
100 square metres (m <sup>2</sup> )	= 1 are (a)	= 0.0247 acres (ac)
100 ares (a)	= 1 hectares (ha)	= 2.471 acres (ac)
100 hectares (ha)	= 1 sq. kilometre (km <sup>2</sup> )	= 0.386 sq. miles (mi <sup>2</sup> )

**Weight**

	<b>METRIC</b>	<b>GB &amp; US</b>
10 milligrams (mg)	= 1 centigram (cg)	= 0.1543 grains (gr)
100 centigrams (cg)	= 1 gram (g)	= 15.4323 grains (gr)
1000 grams (g)	= 1 kilogram (kg)	= 2.2046 pounds (lb)
1000 kilograms (kg)	= 1 tonne (t)	= 19.684 hundredweight (cwt)

**Capacity**

	<b>METRIC</b>	<b>GB &amp; US</b>
1000 millilitres (ml)	= 1 litre (l)	= 1.75 pints (2.101 US pints)
10 litres (l)	= 1 decalitre (Dl)	= 2.1997 gallons (gal) (2.63 US gallons) (gal)

**Avoirdupois weight**

	<b>GB &amp; US</b>	<b>METRIC</b>
	1 grain (gr)	= 0.0648 grams (g)
437 1/2 grains (gr)	= 1 ounces (oz)	= 28.35 grams (g)
16 drams (dr)	= 1 ounces (oz)	= 28.35 grams (g)
16 ounces (oz)	= 1 pound (lb)	= 0.454 kilograms (kg)
14 pounds (lb)	= 1 stone (st)	= 6.356 kilograms (kg)
2 stone (st)	= 1 quarter (qr)	= 12.7 kilograms (kg)
4 quarters (qr)	= 1 hundredweight (cwt)	= 50.8 kilograms (kg)
112 pounds (lb)	= 1 hundredweight (cwt)	= 50.8 kilograms (kg)

100 pounds (lb)	= 1 short hundredweight (cwt)	= 45.4 kilogram
20 hundredweight (cwt)	= 1 ton (t)	= 1016.04 kilogram
2000 pounds (lb)	= 1 short ton	= 0.907 metric ton
2240 pounds (lb)	= 1 long ton	= 1.016 metric ton

## Troy Weight

GB & US		METRIC
24 grains (gr)	= 1 pennyweight (dwt)	= 1.555 grams (g)
20 pennyweights (dwt)	= 1 ounce (oz)	= 31.1 grams (g)
12 ounces (oz)	= 1 pound (lb)	= 0.373 kilogram (kg)
	or	
	5760 grains	

## Apothecaries' Weight

GB & US		METRIC
20 grains (gr)	= 1 scruple	= 1.296 grams (g)
3 scruples	= 1 dram (dr)	= 3.888 grams (g)
8 drams (dr)	= 1 ounce (oz)	= 31.1035 grams (g)
12 ounces (oz)	= 1 pound (lb)	= 373.24 grams (g)

## Linear Measure

GB & US		METRIC
	1 inch (in)	= 25.3995 millimetres (mm)
12 inches (in)	= 1 foot (ft)	= 30.479 centimetres (cm)
3 feet (ft)	= 1 yard (yd)	= 0.9144 metres (m)
5 1/2 yards (yd)	= 1 rod, pole (po) or perch (per)	= 5.0292 metres (m)
22 yards (yd)	= 1 chain (ch)	= 20.1168 metres (m)
220 yards (yd)	= 1 furlong (fur)	= 201.168 metres (m)
8 furlongs (fur)	= 1 mile (mi)	= 1.6093 kilometres (km)
1760 yards (yd)	= 1 mile (mi)	= 1.6093 kilometres (km)
3 miles (mi)	= 1 league	= 4.8279 kilometres (km)

**Square Measure**

GB & US		METRIC
	1 square inch (in <sup>2</sup> )	= 6.4516 sq. centimetre (cm <sup>2</sup> )
144 sq inches (in <sup>2</sup> )	= 1 sq foot (ft <sup>2</sup> )	= 929.030 sq.centimetre (cm <sup>2</sup> )
9 sq feet (ft <sup>2</sup> )	= 1 sq yard (yd <sup>2</sup> )	= 0.836 sq. metres (m <sup>2</sup> )
484 sq yards (yd <sup>2</sup> )	= 1 sq chain (ch <sup>2</sup> )	= 404.624 sq metres (m <sup>2</sup> )
4840 sq yards (yd <sup>2</sup> )	= 1 acre (ac)	= 0.405 hectares (ha)
40 sq rods	= 1 rood (ro)	= 10.1168 ares (a)
4 roods (ro)	= 1 acre (ac)	= 0.405 hectares (ha)
640 acres (ac)	= 1 sq mile (mi <sup>2</sup> )	= 2.599 sq kilometres (km)

**Cubic Measure**

GB & US		METRIC
	1 cubic inch (in <sup>3</sup> )	= 16.387 centimetres ((cm <sup>3</sup> ))
1728 cu inches (in <sup>3</sup> )	= 1 cu foot (ft <sup>3</sup> )	= 0.028 cu metres (m <sup>3</sup> )
27 cu feet (ft <sup>3</sup> )	= 1 cu yard (yd <sup>3</sup> )	= 0.765 cu metres (m <sup>3</sup> )

**Surveyor's Measure**

GB & US		METRIC
7.92 inches (in)	= 1 link	= 20.1168 centimetres (cm)
100 links	= 1 chain (ch)	= 20.1168 metres (m)
10 chains (ch)	= 1 furlong (fur)	= 201.168 metres (m)
80 chains (ch)	= 1 mile (mi)	= 1.6093 kilometres (km)
10 square chains (ch <sup>2</sup> )	= 1 acre (ac)	= 0.405 hectares (ha)

**Nautical Measure**

GB & US		METRIC
6 feet (ft)	= 1 fathom	= 1.8288 metres (m)
608 feet (ft)	= 1 cable	= 185.313 metres (m)
6080 feet (ft)	= 1 sea mile or nautical mile (1.151 statute miles)	= 1.852 kilometres (km)

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3 sea miles	= 1 sea league	= 5.550 kilometres
60 sea miles	= 1 degree	
360 degrees	= 1 circle	
	1 sea mile/ hour	= 1 knot

### Liquid Measure of Capacity

	GB	US	METRIC
4 gills	= 1 pint (pt)	= 1.201 pints (pt)	= 0.5679 litres (l)
2 pints	= 1 quart (qt)	= 1.201 quarts (qt)	= 1.1359 litres (l)
4 quarts	= 1 gallons (gal)	= 1.201 gallons (gal)	= 4.5435 litres (l)

### Apothecaries' Fluid Measure

	GB & US	METRIC
60 minims (m)	= 1 fluid dram (f.dr)	= 3.552 millimetres (ml)
8 fluid drams (f.dr)	= 1 fluid ounce (f.oz)	= 2.841 centilitres (cl)
20 fluid ounces (f.oz)	= 1 pint (pt)	= 0.568 litres (l)
8 pints (pt)	= 1 gallon (gal)	= 4.546 litres (l)

### Dry Measure of Capacity

	GB & US	METRIC
	1 gallon (gal)	= 4.5435 litres (l) = 4.404 litres (l)
2 gallons (gal)	= 1 peck (pk)	= 9.0870 litres (l) = 8.810 litres (l)
4 pecks (pk)	= 1 bushel (bus)	= 36.3477 litres (l) = 35.238 litres (l)
8 bushels (bus)	= 1 quarter (qr)	= 290.7816 litres (l) = 281.904 litres (l)

### Circular or Angular Measure

60 seconds (ʹ)	= 1 minute (ʹ)	90° = 1 quadrant or right angle
60 minutes (ʹ)	= 1 degree (°)	360° = 1 circle or circumference
the diameter of a circle		= the straight line through its centre
the radius of a circle		= 1/2 x the diameter
the circumference of a circle		= 22/7 x the diameter

## CONVERSION TABLE OF THE ISLAMIC CALENDAR TO THE GREGORIAN CALENDAR (1260 A.H - 1520 A.H)

ISLAMIC YEAR	GREGORIAN			ISLAMIC YEAR	GREGORIAN		
	YEAR	MONTH	DAYS		YEAR	MONTH	DAYS
1260	1844	1	20	1390	1970	3	6
1270	1853	10	2	1400	1979	11	19
1280	1863	6	15	1410	1989	8	2
1290	1873	2	28	1420	1999	4	14
1300	1882	11	11	1430	2008	12	26
1310	1892	7	24	1440	2018	9	10
1320	1902	4	6	1450	2028	5	23
1330	1911	12	18	1460	2038	2	6
1340	1921	9	2	1470	2047	10	18
1350	1931	5	15	1480	2057	7	1
1360	1941	1	28	1490	2067	3	14
1370	1950	10	10	1500	2076	11	27
1380	1960	6	23	1510	2086	8	10

ISLAMIC YEAR	GREGORIAN		
	YEAR	MONTH	DAYS
1	0	11	19
2	1	11	8
3	2	10	28
4	3	10	17
5	4	10	6
6	5	9	26
7	6	9	15
8	7	9	4
9	8	8	24

ISLAMIC MONTH		GREGORIAN	
		MONTH	DAYS
1	MUHARRAM	0	1
2	SAFAR	1	1
3	RABEEUL AWWAL	1	29
4	RABEEUL AAKHIR	2	28
5	JUMAADHAL AWWAL	3	27
6	JUMAADHAL AAKHIR	4	26
7	RAJAB	5	26
8	SHAUBAAN	6	25
9	RAMADAN	7	24
10	SHAWWAL	8	23
11	ZULGAIDHA	9	22
12	ZULHIJJA	10	21