TABLE OF EQUIVALENTS OF WEIGHT AND MEASURES

Gallons, eights, and fluid ounces; pounds, ounces and grams and various fractions thereof are used in the paint laboratory and it is often necessary to know the relation between these or to convert them to decimals.

The subjoined table gives the equivalence of portions of a gallon, (both imperial and U.S.), expressed as fluid ounces, in vulgar fractions and in decimals. Also portions of a pound adv. expressed in ounces, grams, 64ths and decimals and also portions of an ounce adv. exprgssed in grams, 64ths, and decimals. For example take the seventh line of the table. This tells us that 14 fl. oz. U.S. equals 7/64 gal. equals .109375. gal.; also 17 1/2 fl. oz. equals 7/64 imperial gal. equals .109375 imperial gal.; also 49.610 grams equals 1 3/4 oz. adv. equals 7.64 lb. adv. equals .109375 lb. adv.; also 3.0997 grams equals 7/64 ounces adv. equals .109375 oz. adv.

Decimal equivalents	First column gives decimal equivalents of 64ths	32nds	16ths	First column gives equivalents in decimals of Imperial gallon of fluid ounces	U.S. gallon of fluid ounces	grams	First column gives equivalents in decimals of a pound of ounces	First column gives equivalents in decimals of an ounce of grams
.015625	1	--	--	2 1/2	2	7.087	1/4	.4429
.03125	2	1	--	5	4	14.174	1/2	.8858
.046875	3	--	--	7 1/2	6	21.261	3/4	1.3287
.0625	4	2	1	10	8	28.349	1	1.771
.078125	5	--	--	12 1/2	10	35.435	1 1/4	2.2139
.09375	6	3	--	15	12	42.522	1 1/2	2.656
.109375	7	--	--	17 1/2	14	49.610	1 3/4	3.0997
.125	8	4	2	20	16	56.698	2	3.543
.140625	9	--	--	22 1/2	18	63.783	2 1/4	3.985
.15625	10	5	--	25	20	70.870	2 1/2	4.428
.171875	11	--	--	27 1/2	22	77.957	2 3/4	4.871
.1875	12	6	3	30	24	85.047	3	5.314
.203125	13	--	--	32 1/2	26	92.131	3 1/4	5.756
.21875	14	7	--	35	28	99.220	3 1/2	6.199
.234375	15	--	--	37 1/2	30	106.205	3 3/4	6.642
.25	16	8	4	40	32	113.397	4	7.087
.265625	17	--	--	42 1/2	34	120.480	4 1/4	7.529
.28125	18	9	--	45	36	127.566	4 1/2	7.972
.296875	19	--	--	47 1/2	38	134.654	4 3/4	8.425
.3125	20	10	5	50	40	141.740	5	8.857
.328125	21	--	--	52 1/2	42	148.830	5 1/4	9.299
.34375	22	11	--	55	44	155.914	5 1/2	9.7428
.359375	23	--	--	57 1/2	46	163.001	5 3/4	10.185
.375	24	12	6	60	48	170.094	6	10.628
.390625	25	--	--	62 1/2	50	177.175	6 1/4	11.070
.40625	26	13	--	65	52	184.262	6 1/2	11.513
.421875	27	--	--	67 1/2	54	191.350	6 3/4	11.955

TABLE OF EQUIVALENTS
OF
WEIGHT AND MEASURES

Decimal equivalents	First column gives decimal equivalents of 64ths	32nds	16ths	First Column gives equivalents in decimals of Imperial gallon of Fluid ounces	U.S. gallon of Fluid ounces	grams	First column gives equivalents in decimals of a pound of ounces	First column gives equivalents in decimals of an ounce of grams
.4375	28	14	7	70	56	198.440	7	12.398
.453125	29	--	--	72 1/2	58	205.523	7 1/4	12.8409
.46875	30	15	--	75	60	212.410	7 1/2	13.2838
.484375	31	--	--	77 1/2	62	219.497	7 3/4	13.726
.5	32	16	8	80	64	226.795	8	14.174
.515625	33	--	--	82 1/2	66	233.882	8 1/4	14.616
.53125	34	17	--	85	68	240.969	8 1/2	15.059
.546875	35	--	--	87 1/2	70	248.056	8 3/4	15.5007
.5625	36	18	9	90	72	255.143	9	15.943
.578125	37	--	--	92 1/2	74	262.230	9 1/4	16.3865
.59375	38	19	--	95	76	269.317	9 1/2	16.8295
.609375	39	--	--	97 1/2	78	276.404	9 3/4	17.273
.625	40	20	10	100	80	283.49	10	17.71
.640625	41	--	--	102 1/2	82	290.57	10 1/4	18.152
.65625	42	21	--	105	84	297.68	10 1/2	18.595
.671875	43	--	--	107 1/2	86	304.77	10 3/4	19.038
.6875	44	22	11	110	88	311.85	11	19.481
.703125	45	--	--	112 1/2	90	318.94	11 1/4	19.923
.71875	46	23	--	115	92	326.03	11 1/2	20.366
.734375	47	--	--	117 1/2	94	333.17	11 3/4	20.8097
.75	48	24	12	120	96	340.204	12	21.256
.765625	49	--	--	122 1/2	98	347.29	12 1/4	21.6989
.78125	50	25	--	125	100	354.35	12 1/2	22.139
.796875	51	--	--	127 1/2	102	362.437	12 3/4	22.5819
.8125	52	26	13	130	104	369.524	13	23.024
.828125	53	--	--	132 1/2	106	376.61	13 1/4	23.4669
.84375	54	27	--	135	108	383.698	13 1/2	23.9098
.859375	55	--	--	137 1/2	110	390.78	13 3/4	24.3527
.875	56	28	14	140	112	396.88	14	24.796
.890625	57	--	--	142 1/2	114	403.967	14 1/4	25.238
.90625	58	29	--	145	116	411.054	14 1/2	25.6814
.921875	59	--	--	147 1/2	118	418.141	14 3/4	26.1243
.9375	60	30	15	150	120	425.22	15	26.564
.953125	61	--	--	152 1/2	122	432.307	15 1/4	27.0069
.96875	62	31	--	155	124	439.394	15 1/2	27.4498
.984375	63	--	--	157 1/2	126	446.481	15 3/4	27.8927
1.000000	64	32	16	160	128	453.59	16	28.349

GLD38298