

Length (Metric)	
10 mm	1 Centimeter (cm)
10 cm	1 Decimeter (dm)
10 dm	1 Meter (m)
100 cm	1 m
1000 mm	1 m
1m	Dekameter (dam)
10 dam	1 Hectometer (hm)
100 m	1 hm
10 hm	1 Kilometer (km)
1000 m	1 km

Area (Metric)	
100 mm ²	1 cm ²
10,000 cm ²	1 m ²
100 m ²	1 Are
100 Ares	1 Hectare
100 Ares	10,000 m ²
100 Hectares	1 km ²
1,000,000 m ²	1 km ²

Volume (Metric)	
10 ml	1 Centilitre (cl)
10 cl	1 Decilitre (dl)
10 dl	1 Litre (l)
100 cl	1 l
1000 ml	1 l
10 l	1 Dekalitre
10 dal	1 Hecolitre
10 hl	1 Kilolitre

Weight (Imperial)	
16 Drams	1 Ounce (oz)
16 ozs	1 Pound (lb)
14 lbs	1 Stone (st)
8 st	1 Hundredweight (cwt)
20 cwt	1 Ton
160 st	1 Ton

Weight (Metric)	
10 Milligrams (mg)	1 Centigram (cg)
10 cg	1 Decigram (dg)
10 dg	1 Gram (g)
10 g	1 Dekagram (dag)
10 dag	1 Hectogram (hg)
1000 g	1 Kilogram (kg)
10 hg	1 kg
1,000 kg	1 Metric Ton

Length (Imperial)	
12 Inches	1 Foot
3 Feet	1 Yard
220 Yards	1 Furlong
8 Furlongs	1 Mile
1 Mile	1760 Yards, 5280 Feet, 63360 Inches
2 mile	3520 Yards, 10560 Feet, 126720 inches

Area (Imperial)	
144 Sq Inches	1 Sq Foot
9 Sq Feet	1 Sq Yard
4840 Sq Yards	1 Acre
640 Acres	1 Sq Mile
1280 Acres	2 sq Miles
1920 Acres	3 sq Miles
2560 Acres	4 sq Miles
3200 Acres	5 sq Miles

Dot Per Inch	
96 px	1 inch
192 px	2 inches
384 px	4 inches
480 px	5 inches
528 px	5.5 inches
556.8 px	5.8 inches
576 px	6 inches

Dot Per Inch (cont)	
696 px	7.25 inches
768 px	8.0 inches
793.92	8.27 inches
816 px	8.5 inches
960 px	10.0 inches
1008 px	10.5 inches
1056 px	11.0 inches
1080 px	11.25 inches
1122.24 px	11.69 inches
1152 px	12.0 inches
1344 px	14.0 inches
1584 px	16.0 inches
1632 px	17.0 inches
1920 px	20.0 inches
2112 px	22.0 inches
2246.34 px	23.4 inches
2304 px	24.0 inches
2880 px	30.0 inches
3177.6 px	33.1 inches
3264 px	34.0 inches
3456 px	36.0 inches
4032 px	42.0 inches
4224 px	44.0 inches
4608 px	48.0 inches

You can multiply both 8 and 10 by 300 to get the full pixel dimensions of the finished image.

$$8(300) \times 10(300) = 2,400\text{px} \times 3,000\text{px}$$

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$$2,400 \times 3,000 = 7.2 \text{ million pixels}$$

Another name for 7.2 million pixels is 7.2 megapixels (MP); which means you'll need a minimum 7.2 MP camera to get the best resolution for your 8" x 10" photo.



Metric to Imperial Length	
1 mm	0.039 inch
1 cm	0.393 Inch
1 m	1.093 Yard
1 km	0.621 Miles
1 Inch	2.54 cm
1 Foot	0.304 m
1 Yard	0.914 m
1 Mile	1.609 km

Metric to Imperial Area	
1 cm ²	0.1550 sq Inch
1 m ²	1.1960 sq Yard
1 Hectare	2.4711 Acres
1 km ²	0.3861 sq Mile
1 sq Inch	6.4516 cm ²
1 sq Foot	0.0929 m ²
1 sq Yard	0.8361 m ²
1 Acre	4046.9 m ²
1 Mile	2.59 km ²

Metric to Imperial Volume	
1 Fluid Ounce	28.413 ml
1 Pint	0.56831 l
1 Gallon	4.5461 l
1 Litre	2.113 Pint
1 Litre	35.195 Fluid Ounce
1 Hecolitre	21.996 Gallons

Metric to Imperial Weight	
1 g	0.0353 oz
1 kg	2.2046 lb
1 Metric Ton	0.9842 Imperial Ton
1 oz	28.35 g
1 lb	0.4536 kg
1 st	6.3503 kg
1 cwt	50.802 kg
1 Imperial Ton	1.016 Metric Ton

Volume (Imperial)	
20 Fluid Ounces	1 Pint
2 Pints	1 Quart
8 Pints	1 Gallon
2 Gallons	1 Peck
8 Gallons	0.859 US Bushel
16 Gallons	1.719 US Bushel

