

Standard Measurement and Weight Act, 2025 (1968)

<u>Amending Acts</u>	<u>Authentication and Date of Publication</u>
	2025-7-9 (Oct. 25, 1968)
1. Standard Measurement and Weight (First Amendment) Act, 2033 (1976)	2033-7-4 (Oct. 20, 1976)
2. Standard Measurement and Weight (Second Amendment) Act, 2042 (1985)	2042-6-9 (Sept. 25, 1985)
3. Judicial Administration Reform (Fourth Amendment) Act, 2043 (1986)	2043-7-24 (Nov. 10, 1986)
4. Standard Measurement and Weight (Third Amendment) Act, 2044 (1987)	2044-6-9 (Sept. 25, 1987)
5. Standard Measurement and Weight (Fourth Amendment) Act, 2045 (1988)	2045-7-10 (Oct. 26, 1988)
6. Administration of Justice Act, 2048 (1991)	2048-2-16 (May 30, 1991)

Act Number 17 of the Year 2025 (1968)

An Act made for maintaining and introducing standard measurement and weight based on Metric System

Preamble: Whereas, it is expedient to maintain and introduce the standard measurement and weights based on the metric system all over Nepal,

Now, therefore, be it enacted by His Majesty the King Mahendra Bir Bikram Shahdev on the advice with and consent of the *Rastriya Panchayat*.

Chapter 1

Preliminary

1. **Short Title, Extent and Commencement:** (1) This Act may be called the "Standard Measurement and Weight Act, 2025 (1968)".

(2) This Act shall be applicable all over Nepal.

(3) This Section shall come into force immediately and the remaining Sections shall come into force on such dates, at such places, and in respect to such transactions and commodities as may be prescribed by Government of Nepal by a Notification in the Nepal Gazette.

2. **Definitions:** Unless the subject or context otherwise requires, in this Act,-

(a) "Kilogram" means the mass of the platinum iridium cylinder declared to be the international prototype of the kilogram by the First General Conference on Measurement and Weight and maintained at the International Bureau of Measurement and Weight.

(b) ×


(c) "Ordinary Atmospheric Pressure" means a pressure of 101325 neutrons per square meter.

Explanation: The force capable of accelerating the speed of one kilogram mass at one meter per second is called neutron.

(d) "Commercial Measure or Weight" means standard Measurement and Weight used in commercial transactions.

(e) "Measuring machine" means any measuring machine other than a weighing machine and this term also includes equipment used to measure length, area, volume, capacity or counting.

(f) "Weighing Machine" means weighing machines of all types and this term also includes scales with two balances and weights *Dhak* used in such balances.

 Date of Publication of Notice regarding the commencement of this Act:
1. 2027/5/15 2. 2028/3/14 3. 2030/3/18 4. 2031/5/31 5. 2031/7/26 6. 2032.1.15 7. 2032/12/16 8. 2033.4.4
9. 2033/7/16 10. 2034/1/20 11. 2034.7.15 12. 2034.11.9 13. 2036.1.10 14. 2036/9/9 15. 2036/11/7
16. 2037/8/23 17. 2039/3/7 18. 2040/7/21

× Omitted by the First Amendment.

- (g) "Sealed Package" means packed bundles, bottles, drum (*pipa*), tins, barrels, boxes, pots, bags, sacks or commodities contained which are meant not to be measured or weighed at the time of sale.
- (h) "Stamp" means stamps affixed through molding, engraving, cutting, branding, or any other means, so that they remain ineffaceable as far as possible.
- (i) "Inspection" means test or examination of measures and weights or measuring and weighing machines and this term also includes the act of re-test.
- [ⓐ](j) "Controller" means the Director-General of the Nepal Bureau Standard and Metrology.
- (k) "Inspector" means an official appointed or designated by Government of Nepal for the purpose of this Act. [ⓑ]
- ⁺(k1) "General Assembly of Measurement and Weight" means the Conference General De Poids Et Measures established under the Convention Du Meter.
- ⁺(k2) "International Bureau of Measurement and Weight" means the Bureau Interationale De Poids Et Measures established under the Convention Du Meter.
- ⁺(k3) "International Organization of the Science of Legal Measurement and Weight" means the Organization Internationale De Metrology established under the Convention Institute UN Organization Internationale De Metrology Legal.
- (l) "Prescribed" or "as Prescribed" means prescribed or as prescribed in rules framed under this act.

[ⓐ] Amended by the Third Amendment.
[ⓑ] Prescribed in the Nepal Gazette on 2027.11.10
⁺ Inserted by the First Amendment.

Chapter 2

Standard Measurement and Weight

⁺2A. **Units of Measurement and Weight**: (1) All the units of Measurement and Weight shall be based upon the metric system.

(2) For the purpose of Sub-Section (1),

- (a) Units of International system recommended by the General Assembly of Measurement and Weight, and
- (b) Other additional units to be recommended by the International Organization of the Science of Legal Measurement and Weight shall be units of the metric system.

⁺3. **Meter**: (1) The basic unit of length shall be the meter.

(2) The term "meter" means the distance covered by the light in a vacuum in 1/299792458th of a second.

(3) In order to determine the value of the meter, Government of Nepal shall arrange for the preparation of a national standard and have this standard meter authenticated through verification with the international standard. Such standard shall be kept at the place and in the custody of the person prescribed by Government of Nepal.

⁺4. **Kilogram**: (1) The basic unit of weight shall be the kilogram.

(2) In order to determine the value of the kilogram, Government of Nepal shall arrange for the preparation of a national standard and have this standard kilogram authenticated through verification with the international proto-type or with the national proto-type of a foreign country which has been prepared according to the international proto-type. Such standard shall

⁺ Inserted by the First Amendment.
[•] Amended by the Fourth Amendment.

be kept at the place and in the custody of the person prescribed by Government of Nepal.

(3) Notwithstanding anything contained in Sub-Section (1) and Section 8B, the basic unit of volume in respect to precious stones shall be the carat, that is, the 1/500th part of a kilogram.

(4) The standard unit of weight at some place shall be the weight of the volume of the basic unit thereof.

5. **Second**:^① (1) The basic unit of time shall be the second.

^②(2) CGM H - 133 means the cycle which is 9 192 631770 times higher than the radiation comprising the difference between the two hyper fine levels of the ground state of the atom.

6. **Ampere**:^① (1) The basic unit of electric current shall be the ampere.

(2) One ampere means the electric current generating 2×10^{-7} newtons of power per meter between two conductors, flowing at a constant speed through two parallel straight conductors of unlimited length situated at a distance of one meter in a negligible circular cross section in a vacuum.

^①7. **Kelvin**:^② (1) The basic unit of thermodynamic temperature shall be the Kelvin.

(2) Kelvin means $1/273.16$ of the triple point of water in thermodynamic temperature.

(3) Kelvin shall be used to indicate the difference in temperature also.

(4) Celsius degree in internationally applied scale of temperature, which is equivalent to 273.15 Kelvin, shall be equal to one Kelvin.

^① Amended by the Fourth Amendment.

^② Amended by the First Amendment.

(5) Celsius degree may be used to indicate the difference in temperature also.

8. **°Candela:** [°](1) The unit of luminous intensity shall be the candela.

[°](2) "Candela" means the luminous intensity in an oblong direction of 1/600,000 square meter surface of a black body in temperature in which platinum will solidify each 101325 square meter neutron pressure.

+8A. **Mole:** [°](1) The basic unit of the quantity of any material shall be the mole.

(2) Mole means the quantity of the system in which there exist as many elementary entities as there are atoms in 0.012 kilogram of Carbon 12.

Explanation: While using moles, there must be a clear mention of elementary entities which may be in the form of molecules, atoms, ions, electrons, or other particles or groups of prescribed particles.

+8B. **Other Units of Measurement and Weight:** (1) Supplementary, derived, or other units or standard forms or definitions relating to the principal units of Measurement and Weight recommended by the General Assembly on Legal Measurement and Weight and the International Institute of Science on Legal Measurement and Weight shall be as prescribed.

Explanation: Derived units mean units derived from the principal and/or supplementary units.

(2) The multiples, sub-multiples, physical constant and ratio of co-efficiency in relation to units of Measurement and Weight recommended by the General Assembly on Legal Measurement and Weight and the International Institute of Science on Legal Measurement and Weight shall be as prescribed.

[°] Amended by the Fourth Amendment.
[°] Amended by the First Amendment.
+ Inserted by the First Amendment.

(3) Government of Nepal may, by a Notification in the Nepal Gazette, prescribe special units of Measurement and Weight as recommended by the General Assembly on Measurement and Weight and the International Institute of Science of Legal Measurement and Weight for a necessary period.

^{+8C.} **International Units to be Indicated in Nepali Figures:** (1) The main unit of calculation based on international units shall be indicated in Nepali figures.

(2) Each calculation shall be in the decimal system.

(3) The decimal multiples and sub-multiples of calculation shall be indicated according to the prescribed signs and methods.

^{+8D.} **Standard Units:** The main units of Measurement and Weight as referred to Section 3, 4, 5, 6, 7, 8, and 8A and the supplementary and other units indicated in Section 8B, shall be the standard units of Measurement and Weight.

^{×9.}

^{×10.}

^{×11.}

^{×12.}

^{×13.}

14. **Permission to use Specified Measurement and Weight:** Even after the enforcement of this Act in respect to any area within Nepal or to any transaction or commodity, Government of Nepal may, by a Notification in the Nepal Gazette, permit the use of any system of Measurement and

⁺ Inserted by the First Amendment.

[×] Repealed by the First Amendment.

Weight specified in such Notification, other than standard Measurement and Weight, in respect to such area, transaction or commodity for a maximum period of Five years.

Provided that, Government of Nepal shall not, under the provisions of Sub-Section (1), permit the introduction of any system of Measurement and Weight other than that in current use prior to the commencement of this Act.

15. **Conversion of Current Measurement and Weight into Standard**

Measurement and Weight: (1) The Measurement and Weight in current use prior to the enforcement of this Act shall be converted into standard Measurement and Weight according to the conversion rates mentioned in the Schedule.

(2) Government of Nepal may, by a Notification in the Nepal Gazette, prescribe conversion rates for converting Measurement and Weight other than these mentioned in Sub-Section (1) into standard Measurement and Weight.

(3) Units of weight and measurement other than the standard ones mentioned in any Act or any Rule, order or notification issued thereunder or in any agreement or document shall be deemed to have been converted according to the conversion rates mentioned in the Schedule or in a Notification issued under Sub-Section (2).

(4) While converting any units of weight or measurement specified in respect to any transaction into the standard weight or measurement under this Section, calculation for the purpose of such transaction shall be made in the prescribed manner.

16. **Main Standard**: (1) Government of Nepal may direct for the preparation of a set of the standard mass and measurement mentioned in [•]Section 8D, or of multiples and sub-multiples thereof. Such set shall be regarded as the main standard.

(2) The main standard shall be of the prescribed material, design and specifications. It shall be authenticated and stamped by the prescribed person or authority in the prescribed manner and maintained in the prescribed manner at the prescribed place. At periodic intervals as prescribed, it shall be [•]checked against the national standard and certified accordingly along with the date of such check.

17. **Secondary Standard**: (1) In order to test the accuracy of the working standard, Government of Nepal may direct for the preparation of sets of authenticated standard Measurement and Weight according to need. These sets shall be known as the secondary standard.

(2) The secondary standard shall be of the prescribed material, design and specifications. It shall be authenticated and stamped by the prescribed person or authority in the prescribed manner and maintained in the prescribed manner at the prescribed place. At periodic intervals as prescribed, it shall be checked against the main standard and certified accordingly along with the date of such check.

(3) A secondary standard which is not checked and stamped within the time limit mentioned in Sub-Section (2) shall not have legal status and shall not be used for the purposes of this Act.

18. **Working Standard**: (1) With the objective of checking the accuracy of commercial measures and weights or of measuring and weighing machines used for commercial purposes, Government of Nepal may prepare sets of

• Amended by the Second Amendment.
• Amended by the Fourth Amendment.

authenticated Measurement and Weight, as well as special sets of Measurement and Weight for precious metals and jewels in the number considered necessary by it. These sets shall be known as the working standard.

(2) The working standard shall be of the prescribed material, design and specifications. It shall be authenticated and stamped by the prescribed person or authority in the prescribed manner and maintained in the prescribed manner at the prescribed place. At periodic intervals as prescribed, it shall be checked against the national prototype and certified accordingly along with the date of such check.

Provided that, Special sets of working standards relating to precious metals and jewels shall be checked against the main standard.

(3) A working standard which is not checked and stamped within the time limit mentioned in Sub-Section (2) shall not have legal status and shall not be used for the purposes of this Act.

19. **Standard Weighing and Measuring Machines:** (1) Government of Nepal shall arrange for the preparation of weighing and measuring machines in the number required for checking commercial Measurement and Weight and weighing machines which are to be used for commercial purposes.

(2) The weighing and measuring machines mentioned in Sub-Section (1) shall be checked and stamped in the prescribed manner and kept according to the prescribed procedure in the prescribed number.

(3) Sets of weighing and measuring machines as mentioned in Sub-Section (1) shall be kept at the same place as the secondary or working sets.

20. **Measurement and Weight other than the Standard Ones not to be Introduced:** (1) Unless otherwise provided by Government of Nepal under Section 14 or Section 24, notwithstanding anything contained in

prevailing law or custom, after a period of Three months after the enforcement of this Act, measures or weights other than the standard ones shall neither be used, or nor the price or quantity of any commodity shall be specified in terms of such other units, in areas where this Act has been enforced, or transactions or commodities in respect to which it has been enforced.

(2) In case any trader or vendor or customer has been ordering or accepting or providing for such demand or acceptance anything less or more than the quantity which has been determined by measurement or weight, in accordance with any custom, system or tradition in respect to any commercial commodity, such custom, system or traditions shall be considered to have become inoperative with effect from the date of enforcement of this Act.

(3) Transactions concluded in contravention of Sub-Section (1) shall not be legally valid.

21. **Directives may be Issued to Use Weight or Measure alone in Specified Matters:** Notwithstanding anything contained in this Act, Government of Nepal may, by a Notification in the Nepal Gazette, issue directives requiring transactions to be conducted by weight or measurement alone in respect to any specified trade, transaction or contract in any specified area subject to specified conditions, with effect from the date prescribed in such Notification.

Chapter 3

Inspection and Stamping of Measurement and Weight

22. **Quantity and Denomination to be Affixed on Commercial Measurement and Weight:** The quantity and denomination of weight and measurement shall be clearly affixed in commercial Measurement and

Weight and the seal of inspection conducted in the prescribed manner shall be clearly stamped.

23. **Prohibition to Sell, Distribute, or Use Unstamped Commercial Measures and weights:** Unless otherwise provided for in Section 24, no commercial measure or weight or measuring or weighing machine shall be sold, distributed or used in case it has not been inspected in the prescribed manner and has not been stamped accordingly by the Inspectors.
24. **Power of Government of Nepal to Grant Exemption:** Government of Nepal may, by a Notification in the Nepal Gazette, make the following arrangements:
- (a) Permit the use of Measurement and Weight or measuring or weighing machines of any system other than the metric system only after authenticating them without conducting inspection in respect to any particular type of transaction or trade with foreign countries,
 - (b) Permit the use of particular types of measuring or weighing machines only after they are inspected, and
 - (c) Exempt measuring or weighing machines of any particular type from the obligation to undergo inspection.
25. **License to be Obtained to Use Measures or Weights or Measuring or Weighing Machines:** Traders and vendors must register their names on payment of the prescribed fees within the prescribed period and obtain a license ^efrom the Inspector in order to use measures and weights or measuring and weighing machines.
- ⁴26. **License to be obtained:** No person shall, in the course of his/her business, manufacture, repair, or sell commercial measuring or weighing

^e Amended by the Second Amendment.
⁴ Amended by the Fourth Amendment.

machines, or engage in prescribed service enterprises of measuring and weighing, without obtaining a license from the Inspector as prescribed on payment of the prescribed fees .

27. **Measures or Weights to be Affixed on Sealed Packages:** Labels shall be affixed on sealed packages clearly indicating the measurement or weight of goods contained therein. No person shall sell, arrange for sale or stock commodities with the intention of selling goods contained in packages which are not affixed with labels in this manner.

Provided that, this Section shall ordinarily not be applicable to commodities which are not sold or transacted by weight or measurement.

28. **Functions and Duties of Inspectors:** (1) The Inspector shall inspect Measurement and Weight and measuring and weighing machines in such areas and at such times as are prescribed by the Controller.

(2) The Inspector shall inspect measures or weights or measuring or weighing machines which are produced before him/her for inspection in accordance with the provisions of this Act and the Rules framed hereunder, and in case they appear to be accurate, he/she shall affix the stamp of inspection in the prescribed manner after collecting the prescribed fees.

(3) No measure or weight or measuring or weighing machine which must be inspected shall be kept without being inspected.

(4) The Inspector may conduct his/her inspection at any place where commercial measures and weights or measuring and weighing machine or any commodity is sold or supplied through such weight or measure or measuring and weighing machine or where such weight or measure or measuring and weighing machine has been kept.

(5) The Inspector may order any trader or any person appointed by him/her for his/her business to produce any weight or measure or measuring and weighing machine and documents relating thereto which has

been used or retained or kept at any place for commercial purposes by such person. Such trader or other person shall also produce the machine or document mentioned in such order.

(6) In case, the Inspector suspects that any person has committed or is going to commit any offence under this Act in respect to measures and weights or measuring and weighing machine, he/she may take into custody such measures and weights or measuring and weighing machines or the goods sold or supplied or going to be supplied through such weight or measure or measuring and weighing machines as well as all documents relating thereto.

(7) In case, the Inspector suspects that the weight or measurement of any commodity contained in a sealed package is less than the weight or measurement mentioned in the label affixed on it, he/she may break the seal affixed on such package and inspect the weight or measurement of the goods contained therein.

(8) In case, in the course of inspection under Sub-Section (7), the Inspector finds that the weight or measurement of any commodity contained in the package is not accurate, he/she may take into custody the package as well as the commodity contained therein and in case, he/she finds the weight or measurement accurate, he/she shall pay a reasonable price for the package to its owner.

✓ 29. **Appeal:** An appeal may be filed before the [?]Court of Appeal within Thirty-Five days against the decision or penalty made by the Inspector under this Act.

✓ Amended by the Judicial Administration Reform (Fourth Amendment) Act, 2043

? Amended by the Administration of Justice Act, 2048

Chapter 4

Penalties

30. **Penalties:** [●](1) In case, a person commits an act takes or attempts to commit an act in contravention of Sub-Section (1) of Section 20 and Sections 21, 23, 25, 26 or 27 or instigates or abets any other person to do so, or causes any obstruction to the Inspector in the courses of the discharge of his/her duties under this Act, or accepts or forces to accept less or more weights than the prescribed ones in the course of the sale of or transaction in any commodity on the basis of weight and measures, the Inspector may punish him/her [☒]in each offense with a fine up to One Thousand Rupees.

(2) ^x

(3) In case, a person makes fictitious or inaccurate standard measures and weights or measuring and weighing machines, or incites others to do so, or deliberately uses such fictitious or inaccurate measures and weights or measuring and weighing machine for *bona fide*, or keeps them with the objective of using them in this manner, or sells them, or makes others sell them, or counterfeits the seal to be affixed on standard measures and weights or measuring and weighing machines under this Act or the Rules framed hereunder, or makes others to do so, or keeps them in his/her possession, or manages the seal affixed on such weight or measure or measuring and weighing machine and affixes a counterfeit seal, or makes others do so, he/she shall be punished with a fine up to One Thousand Rupees or an imprisonment of up to One Year, or both.

(4) In case, the Inspector deliberately affixes seals on measures and weights, or measuring and weighing machines in contravention of this Act

● Amended by the First Amendment.
☒ Inserted by the Second Amendment.
x Omitted by the First Amendment.

or the Rules framed hereunder, he/she shall be punished with a fine up to One Thousand Rupees or an imprisonment of up to Three Months, or both.

☑30A. **Collections to be made as Government Arrears:** (1) Fines to be paid in accordance with the decision taken by the Inspector under this Act shall be paid to the concerned office within a period of Thirty Five days from the date of such decision.

(2) In case the fine is not paid within the time-limit mentioned in Sub-Section (1), the office or officer designated by Government of Nepal shall collect it as arrears due to the government in accordance with prevailing law.

Chapter 5

Miscellaneous

31. **Legal Validity of Measures and weights or Measuring and Weighing Machines on which Seals have been Affixed:** Measures and weights or measuring and weighing machines which have been stamped in accordance with the provisions of this Act or the Rules framed hereunder shall be regarded accurate unless otherwise certified by a court.

32. **Liability for Offences Committed by Corporate Bodies or Firms:**
(1) In case, any corporate body or firm commits any offence under this Act, the persons who are partners of the firms at the time of offence was committed, and, in the case of corporate bodies, the chief administrative officer or officers shall be regarded as offenders and be liable to the punishment.

Provided that, in case it is proved that such partner or chief administrative officer or officers who are responsible for management make

☑ Inserted by the Second Amendment.

their best possible efforts to avoid the offence or were ignorant of such offence, they shall not be liable to the punishment.

(2) Notwithstanding anything contained in Sub-Section (1), in case any corporate body or firm commits any offence under this Act, and in case it is proved that this Act has been committed with the consent or through the negligence of the partner in the case of a firm or the chief administrative officer or officers in the case of corporate bodies, such a partner or chief administrative officer or officers shall be regarded as having committed the offence and be liable to the punishment.

33. **Immunity for Actions Taken in Good Faith**: No case shall be instituted or any other legal action taken against any government employee in respect to any action taken or sought to be taken by him/her in good faith in accordance with this Act.

⁺33A. **Investigation into and Filing of Cases**: (1) Investigations into cases relating to offenses punishable under Sub-Section (3) of Section 30 shall be conducted by the Inspector. After such investigations are completed, he/she shall file a case with the District Court.

(2) While conducting investigations and filing a case under Sub-Section (1), the Inspector may consult the Government Attorney.

34. **Government to be Plaintiff**: Government of Nepal shall be the plaintiff in all cases filed under this Act.

35. **Delegation of Authority**: Government of Nepal may, by a Notification in the Nepal Gazette, delegate all or any of the powers conferred on it by this Act, or the Rules framed hereunder, to be exercised by the authority prescribed in such Notification.

⁺ Inserted by the First Amendment.

36. **Power to Frame Rules:** (1) Government of Nepal may frame Rules in order to implement the objectives of this Act.

(2) Without prejudice to the generality of Sub-Section (1), these Rules may provide for any or all of the following matters:

- (a) Procedure for the inspection of the main standard, the secondary standard and the working standard.
- (b) The number in which measuring and weighing machines has to be maintained, the procedure for inspecting and stamping them and other necessary matters relating thereto.
- (c) Type of seal to be affixed by the manufacturer on commercial measures and weights or measuring and weighing machines.
- (d) The procedure to be observed while issuing licenses to manufacture, repair or sell commercial measures and weights, or measuring and weighing machines, or to provide weighing and measuring services, and the terms and conditions to be complied with by the licensee.
- (e) Time limit for the inspection and stamping of measures or weights or measuring and weighing machines and circumstances in which such inspection and stamping are to be invalidated.
- (f) Procedure for maintaining and producing accounts and other records of measures and weights or measuring and weighing machines.

• Amended by the Fourth Amended.

- (g) Determination of extent of discrepancy in commercial measures and weights or measuring and weighing machines.
 - (h) Determination of the extent of discrepancy in weight and measurement in the main standard, the secondary standard and the working standard.
 - (i) Determination of the extent of discrepancy to be allowed in respect to any trade or the sale of any commodity of a commercial nature.
 - (j) Confiscation, impounds or exemption in respect any weight or measure or measuring and weighing machine which is not authorized under this act.
 - (k) Procedure regarding expressing the quantity while converting any weight or measure into the standard mass or measurement.
 - (l) Other matters which must be prescribed under this act.
37. **Saving:** In matters provided for in this Act and the Rules framed hereunder, action shall be taken accordingly, and in other matters action shall be taken according to prevailing law.
38. **Repeal:** The Standard Measurement and Weight Act, 2020 (1963) is, hereby, repealed.

Schedule

(Related to Section 15)

Standard of Weight

1	Grain	0.000064799	Kg;
1	Oz	0.0283495	Kg
1	Lb	0.4535924	Kg;
1	Cwt	50.802	Kg
1	Ton	1016.05	Kg;
1	<i>Kampani Tola</i>	0.0116638	Kg
1	<i>Mohar Tola</i>	0.0110836	Kg;
1	<i>Pau Mohar Tola</i>	0.1994508	Kg
1	<i>Dharni</i>	2.3934096	Kg;
1	<i>Seer (Kamapni Tola)</i>	0.93310	Kg
1	<i>Man</i>	37.3242	Kg.

Standard of Measures

1	inch	0.0254	meter
1	foot	0.3048	meter
1	yard	0.9144	meter
1	mile	1609.344	meter
1	<i>pathi</i>	4.54596	liter