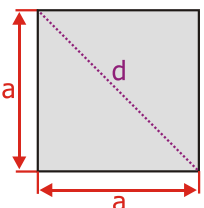
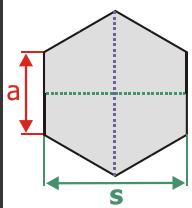
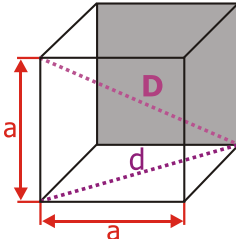
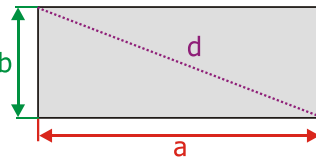
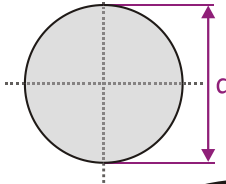
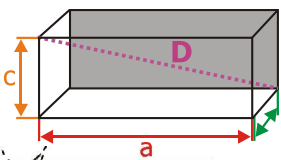

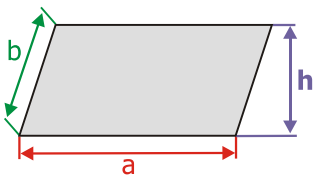

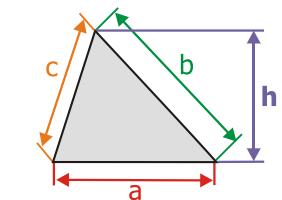
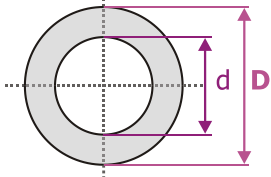
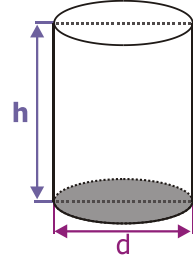
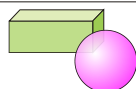
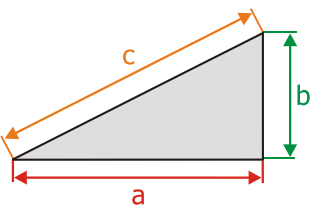
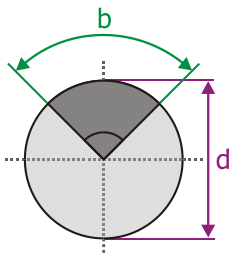
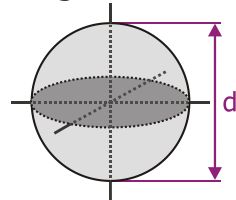




Quadrat  $A = a^2$ $d = a * 1,414$ $u = 4a$	Reguläres Sechseck  $s = a \sqrt{3}$ $= a * 1,732$ $A = \frac{3a^2}{2} * \sqrt{3}$	Würfel  $V = a^3$ $d = a * \sqrt{2}$ $D = a * \sqrt{3}$ $O = 6 * a^2$	Binomische Formeln 1. binomische Formel: $(a + b)^2 = a^2 + 2ab + b^2$ 2. binomische Formel: $(a - b)^2 = a^2 - 2ab + b^2$ 3. binomische Formel: $(a + b)(a - b) = a^2 - b^2$
Rechteck  $A = a * b$ $a = A / b$ $b = A / a$ $u = 2 * (a + b)$ $a = u / 2 - b$ $d = \sqrt{a^2 + b^2}$	Kreis  $u = d * \pi$ $d = \frac{u}{\pi}$ $A = \frac{d^2 \pi}{4}$	Quader  $V = a * b * c$ $a = \frac{V}{b * c}$ $b = \frac{V}{a * c}$ $c = \frac{V}{a * b}$	Längenmasse  1 mm (Millimeter) = 1/1000 m 1 cm (Zentimeter) = 1/100 m = 10 mm 1 dm (Dezimeter) = 1/10 m = 10 cm 1 m (Meter) = 1 m = 10 dm 1 hm (Hektometer) = 1 * 100 m = 100 m
Parallelogramm  $A = a * h$ $a = A / h$ $h = A / a$ $u = 2 * (a + b)$ $a = u / 2 - b$	<div> <div>Formelblatt</div> <div>Lernen mit Spass</div> <div>www.lernen-mit-spass.ch</div> </div>		Flächenmasse  1 cm ² = 100 mm ² 1 dm ² = 100 cm ² 1 m² = 100 dm ² 1 a = 100 m ² = 10 m * 10 m 1 ha = 100 a = 100 m * 100 m 1 km ² = 100 ha = 1000 m * 1000 m
Dreieck  $A = a * h / 2$ $a = 2A / h$ $h = 2A / a$ $u = a + b + c$ $a = u - (b + c)$	Kreisring  $A = \frac{\pi * (D^2 - d^2)}{4}$ $D = \sqrt{\frac{4A}{\pi} + d^2}$ $d = \sqrt{D^2 - \frac{4A}{\pi}}$	Zylinder  $V = \frac{d^2 * \pi * h}{4}$ $O = \frac{d * \pi * (2h + d)}{2}$ $d = \sqrt{\frac{4V}{\pi * h}}$	Körpermasse  1 cm ³ = 1000 mm ³ 1 dm ³ = 1000 cm ³ 1 m³ = 1000 dm ³
Rechtwinkliges Dreieck (Pythagoras)  $c^2 = a^2 + b^2$ $b^2 = c^2 - a^2$ $a^2 = c^2 - b^2$ $a = \sqrt{c^2 - b^2}$	Kreisausschnitt (Sektor)  $b = \frac{d * \pi * \alpha}{360}$ $A = \frac{b * d}{4}$ $d = \frac{4 * A}{b}$ $d = \frac{360 * b}{\pi * \alpha}$	Kugel  $V = \frac{d^3 * \pi}{6}$ $O = d^2 * \pi$ $d = \sqrt[3]{\frac{6V}{\pi}}$	Gewichte  1 g = 1000 mg 1 kg = 1000 g 1 t = 1000 kg (t = Tonne)
		Abkürzungen O = Oberfläche A = Fläche (Englisch = Area)	Hohlmasse  1 ml (Milliliter) = 1/1000 l 1 cl (Zentiliter) = 1/100 l = 10 ml 1 dl (Deziliter) = 1/10 l = 10 cl 1 l (Liter) = 1 liter = 10 dl 1 hl (Hektoliter) = 1 * 100 l = 100 l
		V = Volumen h = Höhe α = Alpha π ≈ 3.14	u = Umfang π ≈ 3.14