

**Dies ist eine Auswahl!! Lernzeit: Maximal zwei mal 20 bis 30 min pro Tag!**

LP	Länge umrechnen					Rechne in die gegebene Einheit um:					
a)		12 cm	in	mm	oo	a)	69 km	118 m	in	m	ll
b)		7 km	in	m	oo	b)		59 dm	in	m	ll
c)		3 dm	in	cm	oo	c)	108 dm	106 cm	in	dm	ll
d)		40 km	in	m	o	d)	34 km	124 m	in	m	ll
e)		14 m	in	mm	o	e)		126 m	in	km	ll
f)		56 km	in	m	o	f)		115 m	in	km	ll
g)		98 m	in	mm	o	g)		53 cm	in	dm	ll
h)		69 m	in	km	o/ll	h)	91 dm	37 cm	in	dm	ll
i)		72 cm	in	mm	o/ll	i)	102 dm	107 cm	in	dm	ll
j)		70 cm	in	dm	o/ll	j)	632 cm	721 mm	in	m	ll/ll
k)		79 cm	in	dm	o/ll	k)	50,3 km	548 dm	in	m	ll/ll
l)		83 m	in	mm	o/ll	l)	29,1 m	12,4 dm	in	m	ll/ll
m)		64 dm	in	cm	o/ll	m)	257 m	31,3 cm	in	cm	ll/ll
n)		72 m	in	km	ll	n)	571 m	31 cm	in	m	ll/ll
o)		84 mm	in	cm	ll	o)	327 m	435 mm	in	m	ll/ll
p)		108 mm	in	dm	ll	p)	207 dm	68,6 mm	in	dm	ll/ll
q)	33 dm	59 cm	in	cm	ll	q)	42,1 dm	314 cm	in	dm	ll/ll
r)		106 m	in	km	ll	r)	690 km	63,1 dm	in	dm	ll/ll
s)	123 m	111 dm	in	m	ll	s)	0,547 cm	0,23 mm	in	mm	ll/ll!
t)	96 dm	98 cm	in	cm	ll	t)	0,496 m	351 dm	in	dm	ll/ll!
u)	114 km	35 m	in	m	ll	u)		155 mm	in	m	ll/ll!
v)	93 dm	31 cm	in	m	ll	v)	4,18 cm	55,6 mm	in	cm	ll/ll!
w)		44 mm	in	m	ll	w)	0,14 m	0,14 cm	in	cm	ll/ll!
x)	36 dm	36 cm	in	dm	ll	x)	64,4 km	54,8 m	in	m	ll/ll!
y)	37 km	25 m	in	km	ll	y)	676 dm	56 cm	in	mm	ll/ll!
z)		63 mm	in	m	ll	z)	0,612 m	0,54 mm	in	dm	ll/ll!

Lösungen					Lösungen				
a) 12cm = 120mm		n) 72m = 0,072km			a) 69km 118m = 69118m			n) 571m 31cm = 571,31m	
b) 7km = 7000m		o) 84mm = 8,4cm			b) 59dm = 5,9m			o) 327m 435mm = 327,435m	
c) 3dm = 30cm		p) 108mm = 1,08dm			c) 108dm 106cm = 118,6dm			p) 207dm 68,6mm = 207,686dm	
d) 40km = 40000m		q) 33dm 59cm = 389cm			d) 34km 124m = 34124m			q) 42,1dm 314cm = 73,5dm	
e) 14m = 14000mm		r) 106m = 0,106km			e) 126m = 0,126km			r) 690km 63,1dm = 6900063,1dm	
f) 56km = 56000m		s) 123m 111dm = 134,1m			f) 115m = 0,115km			s) 0,547cm 0,227mm = 5,697mm	
g) 98m = 98000mm		t) 96dm 98cm = 1058cm			g) 53cm = 5,3dm			t) 0,496m 351dm = 355,96dm	
h) 69m = 0,069km		u) 114km 35m = 114035m			h) 91dm 37cm = 94,7dm			u) 155mm = 0,155m	
i) 72cm = 720mm		v) 93dm 31cm = 9,61m			i) 102dm 107cm = 112,7dm			v) 4,18cm 55,6mm = 9,74cm	
j) 70cm = 7dm		w) 44mm = 0,044m			j) 632cm 721mm = 7,041m			w) 0,14m 0,139cm = 14,139cm	
k) 79cm = 7,9dm		x) 36dm 36cm = 39,6dm			k) 50,3km 548dm = 50354,8m			x) 64,4km 54,8m = 64454,8m	
l) 83m = 83000mm		y) 37km 25m = 37,025km			l) 29,1m 12,4dm = 30,34m			y) 676dm 56cm = 68160mm	
m) 64dm = 640cm		z) 63mm = 0,063m			m) 257m 31,3cm = 25731,3cm			z) 0,612m 0,538mm = 6,12538dm	

## Weitere Lösungen:

### Mischung Punktrechnung mit 0,0001 .... 10000

Lösungen:	a	Lösungen:	b
a) $530,6 \cdot 0,001 = 0,5306$		a) $85,86 : 100 = 0,8586$	
b) $95,44 \cdot 0,1 = 9,544$		b) $85,61 = 100 = 8561$	
c) $77,59 : 100 = 0,7759$		c) $84,03 = 100 = 8403$	
d) $8,934 \cdot 0,001 = 0,008934$		d) $6,972 = 0,01 = 0,06972$	
e) $56,72 \cdot 1000 = 56720$		e) $72,02 = 0,001 = 0,07202$	
f) $624 \cdot 0,001 = 0,624$		f) $86,33 = 100 = 8633$	
g) $530,6 \cdot 0,001 = 0,5306$		a) $78,98 = 0,01 = 0,7898$	
h) $53,4 \cdot 1000 = 53400$		h) $66,42 = 100 = 6642$	
i) $2961 : 0,01 = 296100$		i) $8347 = 1000 = 8347000$	
j) $8,563 \cdot 1000 = 8563$		j) $91,99 = 1000 = 91990$	
Lösungen:	c	Lösungen:	d
a) $2,974 : 0,001 = 2974$		a) $806,8 : 0,001 = 806800$	
b) $6,716 : 10 = 0,6716$		b) $7,457 = 0,1 = 0,7457$	
c) $150,2 : 0,01 = 15020$		c) $410,6 = 0,01 = 4,106$	
d) $8,118 \cdot 0,001 = 0,008118$		d) $4,136 = 0,1 = 0,4136$	
e) $3,466 : 10 = 0,3466$		e) $4,951 = 0,001 = 0,004951$	
f) $836,4 \cdot 100 = 83640$		f) $97,67 = 0,1 = 9,767$	
g) $2,974 : 10 = 0,2974$		a) $6746 = 100 = 674600$	
h) $377,6 : 0,1 = 3776$		h) $460,9 = 0,1 = 46,09$	
i) $1,183 : 100 = 0,01183$		i) $8,002 = 0,01 = 0,08002$	
j) $6,066 : 100 = 0,06066$		j) $748,1 = 10 = 7481$	

# Bruchrechnung

Arw	Brüche kürzen	Lösungen
a) $\frac{60}{72}$	$\stackrel{:2}{=} \frac{30}{36} \stackrel{:2}{=} \frac{15}{18} \stackrel{:3}{=} \frac{5}{6}$	
b) $\frac{36}{594}$	$\stackrel{:2}{=} \frac{18}{297} \stackrel{:2}{=} \frac{9}{149}$	
c) $\frac{12}{24}$	$\stackrel{:2}{=} \frac{6}{12} \stackrel{:2}{=} \frac{3}{6} \stackrel{:3}{=} \frac{1}{2}$	
d) $\frac{104}{1092}$	$\stackrel{:2}{=} \frac{52}{546} \stackrel{:2}{=} \frac{26}{273} \stackrel{:13}{=} \frac{2}{21}$	
e) $\frac{140}{588}$	$\stackrel{:2}{=} \frac{70}{294} \stackrel{:2}{=} \frac{35}{147} \stackrel{:7}{=} \frac{5}{21}$	
f) $\frac{126}{252}$	$\stackrel{:2}{=} \frac{63}{126} \stackrel{:3}{=} \frac{21}{42} \stackrel{:3}{=} \frac{7}{14} \stackrel{:7}{=} \frac{1}{2}$	
g) $\frac{84}{588}$	$\stackrel{:2}{=} \frac{42}{294} \stackrel{:2}{=} \frac{21}{147} \stackrel{:3}{=} \frac{7}{49} \stackrel{:7}{=} \frac{1}{7}$	
h) $\frac{225}{270}$	$\stackrel{:3}{=} \frac{75}{90} \stackrel{:3}{=} \frac{25}{30} \stackrel{:5}{=} \frac{5}{6}$	
i) $\frac{24}{72}$	$\stackrel{:2}{=} \frac{12}{36} \stackrel{:2}{=} \frac{6}{18} \stackrel{:2}{=} \frac{3}{9} \stackrel{:3}{=} \frac{1}{3}$	
j) $\frac{78}{312}$	$\stackrel{:2}{=} \frac{39}{156} \stackrel{:3}{=} \frac{13}{52} \stackrel{:13}{=} \frac{1}{4}$	
k) $\frac{45}{1485}$	$\stackrel{:3}{=} \frac{15}{495} \stackrel{:3}{=} \frac{5}{165} \stackrel{:5}{=} \frac{1}{33}$	
l) $\frac{234}{468}$	$\stackrel{:2}{=} \frac{117}{234} \stackrel{:3}{=} \frac{39}{78} \stackrel{:3}{=} \frac{13}{26} \stackrel{:13}{=} \frac{1}{2}$	
m) $\frac{18}{108}$	$\stackrel{:2}{=} \frac{9}{54} \stackrel{:3}{=} \frac{3}{18} \stackrel{:3}{=} \frac{1}{6}$	
n) $\frac{135}{162}$	$\stackrel{:3}{=} \frac{45}{54} \stackrel{:3}{=} \frac{15}{18} \stackrel{:3}{=} \frac{5}{6}$	
o) $\frac{56}{392}$	$\stackrel{:2}{=} \frac{28}{196} \stackrel{:2}{=} \frac{14}{98} \stackrel{:2}{=} \frac{7}{49} \stackrel{:7}{=} \frac{1}{7}$	
p) $\frac{42}{378}$	$\stackrel{:2}{=} \frac{21}{189} \stackrel{:3}{=} \frac{7}{63} \stackrel{:7}{=} \frac{1}{9}$	