

1 a) $\frac{25}{100} = 0,25$

b) $\frac{909}{1000} = 0,909$

c) $\frac{7}{100} = 0,07$

d) $\frac{85}{10} = 8,5$

2 a) 0,5; 0,08; 0,004; 0,14; 0,275; 0,013; 0,4376

b) 0,0345; 1,3; 4,17

3

a) $\frac{9}{10}$
 $\frac{8}{100}$
 $\frac{7}{1000}$
 $\frac{6}{10000}$

b) $\frac{12}{10} = 1\frac{2}{10}$
 $\frac{345}{100} = 3\frac{45}{100}$
 $\frac{678}{10} = 67\frac{8}{10}$
 $\frac{901109}{1000} = 901\frac{109}{1000}$

c) $\frac{6}{10} = \frac{3}{5}$
 $\frac{4}{100} = \frac{1}{25}$
 $\frac{2}{1000} = \frac{1}{500}$
 $\frac{7}{10}$
 $\frac{5}{10} = \frac{1}{2}$
 $\frac{25}{100} = \frac{1}{4}$

d) $\frac{15}{10} = 1\frac{1}{2}$
 $\frac{24}{10} = 2\frac{2}{5}$
 $\frac{32}{10} = 3\frac{1}{5}$
 $\frac{41}{10} = 4\frac{1}{10}$
 $\frac{275}{100} = 2\frac{3}{4}$
 $\frac{550}{100} = 5\frac{1}{2}$

8

T	H	Z	E	z	h	t	Dezimalbruch
	5	7	1	5			571,5
1	2	3	0	4	5		1230,45
		4	3	0	1	5	43,015
				2	0	9	0,209
					1	7	0,017
			7	0	9		7,09
	1	1	8	4	1	3	118,413
7	0	9	2	5			7092,5
			0	6	6	3	0,663
			0	0	0	1	0,001

9

a) 1234 mm
12340 cm²
1234 dm³

b) 1234 g
12340 g
123400 g

c) 1234 ml
12340 ml
123400 ml