Ex 1 :

10 mm = 0,01 m

0,01 dm = 0,001 m

10 dam = 100 m

0,01 hm = 1 m

1 000 cm = 10 m

1 000 000 mm = 1 000 m

0,000 1 km = 0,1 m

0,1 mm = 0,000 1 m

100 dm = 10 m

12 cm = 0,12 m

125mm = 0,125 m

4,56 km = 4560 m

2,45 hm = 245 m

2,16 dam = 21,6 m

45,625 km = 45625 m

1248 mm = 1,248 m

Ex 2

$35 \times 10^{4} = 350\,000$; $0{,}0046 \times 10^{2} = 0.46$; $3490 \times 10^{-2} = 34{,}9$;
$0{,}00014 \times 10^{5} = 14$; $2\,347\,000 \times 10^{-5} = 23.47$; $23 \times 10^{0} = 23$.

Ex 3

$0{,}000\,98 = 98 \times 10^{-5} = 9{,}8 \times 10^{-4} = 980 \times 10^{-6}$

$12\,345{,}6 = 123{,}456 \times 10^{2}$

$25 = 0{,}25 \times 10^{2}$

$17{,}38 = 1738 \times 10^{-2} = 1{,}738 \times 10^{1} = 0{,}017\,38 \times 10^{3} = 1\,738\,000 \times 10^{-5}$

$126 = 126\,000 \times 10^{-3}$

$423{,}7 \times 10^{-4} = 0{,}04237$