



Moltiplicare per 10 100 1000



Per MOLTIPLICARE un numero per 10, 100, 1000
DISTINGUIAMO DUE CASI :

- NUMERI SENZA VIRGOLA
- NUMERI CON LA VIRGOLA

NUMERI SENZA VIRGOLA :

Dobbiamo AGGIUNGERE al numero dato tanti zeri quanti sono quelli di 10, 100, 1000 A DESTRA dell'unità.

- MOLTIPLICAZIONE PER 10 : Moltiplicando per 10 aggiungo UNO zero

$$59 \times 10 = 590$$

$$3 \times 10 = 30$$

- MOLTIPLICAZIONE PER 100: Moltiplicando per 100 aggiungo DUE ZERI a destra del numero

$$325 \times 100 = 32500$$

$$5 \times 100 = 500$$

$$4325 \times 100 = 432500$$

- MOLTIPLICAZIONE PER 1000: Moltiplicando per 1000 aggiungo TRE ZERI a destra del numero

$$7 \times 1000 = 7000$$

$$31 \times 1000 = 31000$$

$$43875 \times 1000 = 43875000$$

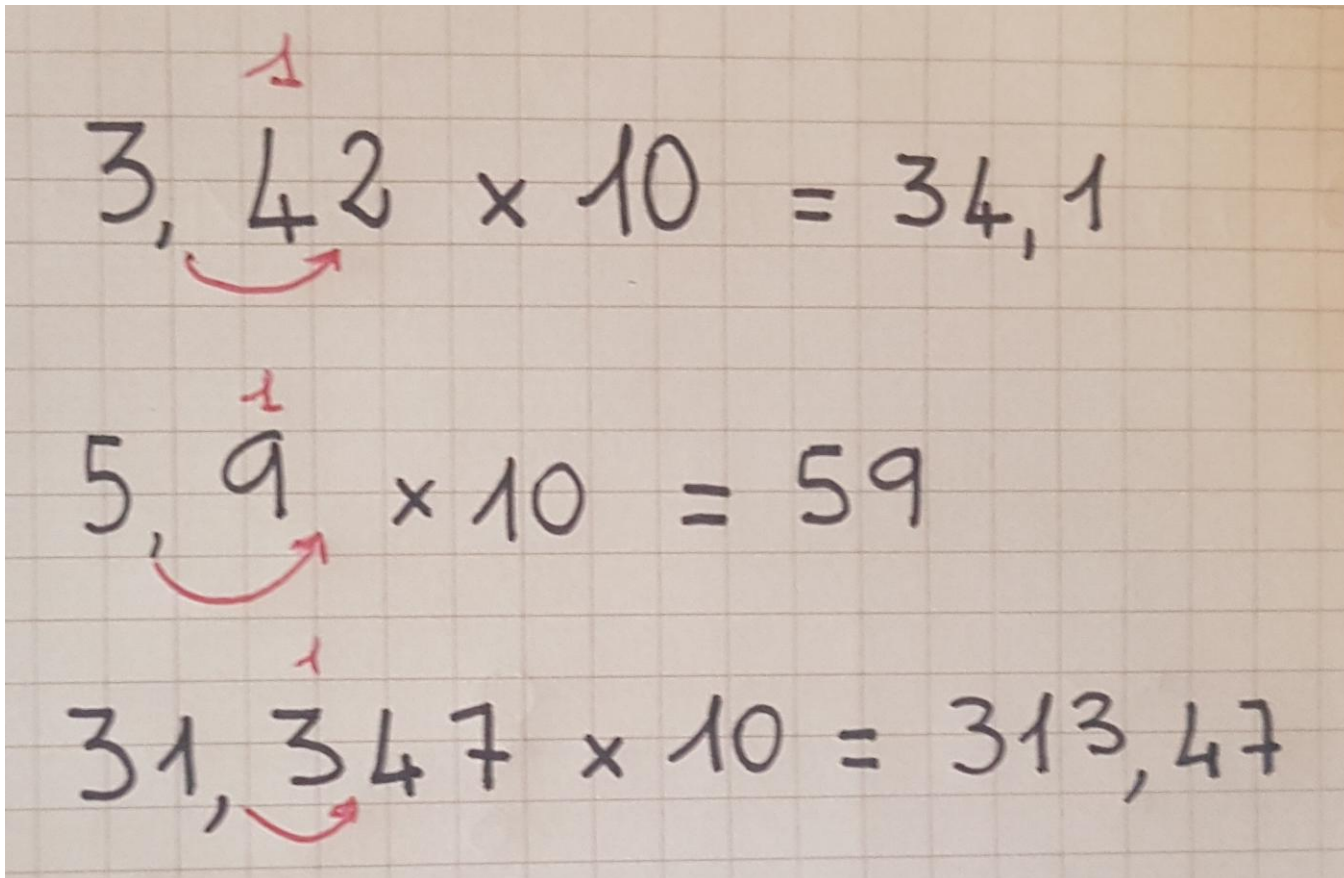
NUMERI CON LA VIRGOLA

Nei numeri con la virgola, dobbiamo **SPOSTARE LA VIRGOLA VERSO DESTRA** di tanti posti quanti sono gli zeri.

⇒ **MOLTIPLICAZIONE PER 10** : Moltiplicando per 10, la virgola si sposta **DI UNA POSIZIONE** verso destra :

$$5,9 \times 10 = 59$$

$$31,347 \times 10 = 313,47$$



⇒ **MOLTIPLICAZIONE PER 100: Moltiplicando per 100, la virgola si sposta DI DUE POSIZIONI verso destra**

$$3,25 \times 100 = 325$$

$$5,325 \times 100 = 532,25$$

$48,7 \times 100 = 4870$ Se non ci sono numeri decimali aggiungo degli zeri

The image shows three handwritten examples on grid paper illustrating the rule of moving the decimal point two places to the right when multiplying by 100. Each example includes a red arrow indicating the direction of the shift and the number of places moved (1 and 2).

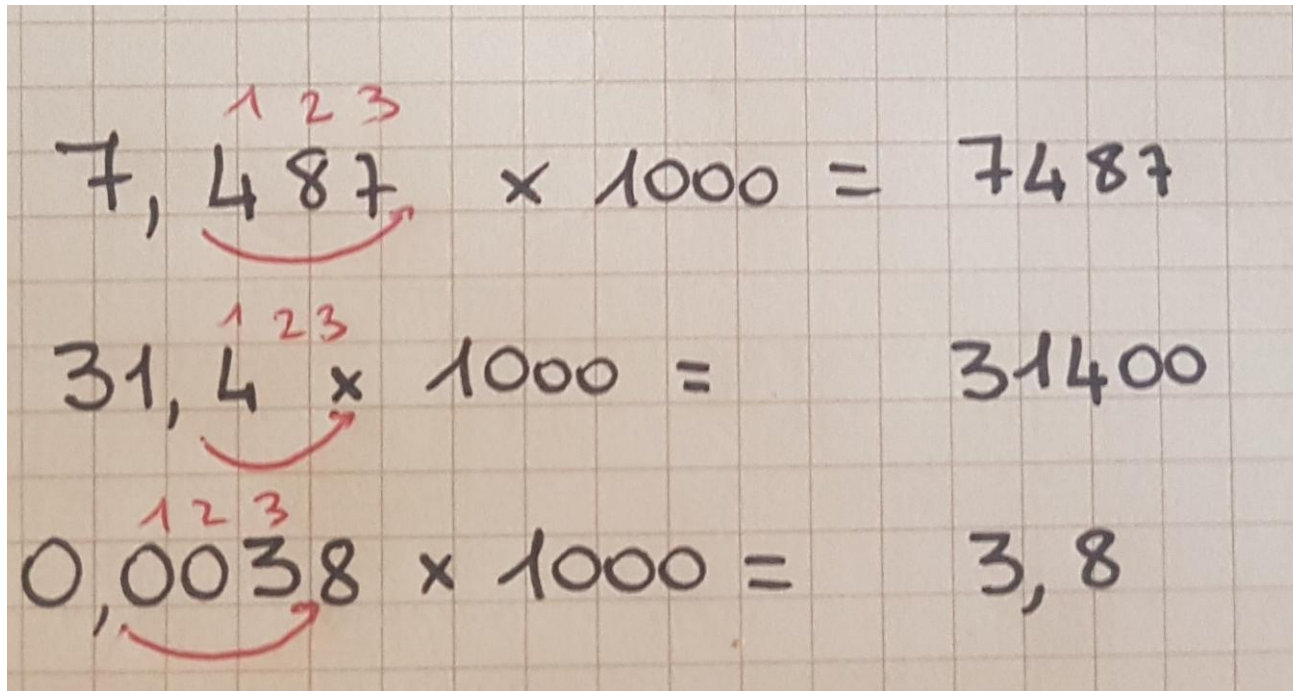
$$3,25 \times 100 = 325$$
$$48,7 \times 100 = 4870$$
$$53,375 \times 100 = 5337,5$$

⇒ **MOLTIPLICAZIONE PER 1000**: Moltiplicando per 1000, la virgola si sposta **DI TRE POSIZIONI** verso destra

$$7,487 \times 1000 = 7487$$

$31,4 \times 1000 = 31400$ Se non ci sono numeri decimali aggiungo degli zeri!

$$0,0038 \times 1000 = 3,8$$



MOLTIPLICARE PER 10

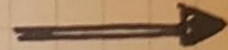
NUMERI SENZA VIRGOLA

AGGIUNGO UNO ZERO
A DESTRA DEL NUMERO

$$15 \times 10 = 150$$
$$3 \times 10 = 30$$

NUMERI CON LA VIRGOLA

SPOSTO LA VIRGOLA DI UNA
POSIZIONE VERSO DESTRA



$$3,42 \times 10 = 34,2$$
$$31,437 \times 10 = 314,37$$
$$0,18 \times 10 = 1,8$$

MOLTIPLICARE PER 100

NUMERI **SENZA** VIRGOLA

AGGIUNGO **DUE** ZERI A DESTRA del NUMERO

$$3 \times 100 = 300$$

$$45 \times 100 = 4500$$

$$538 \times 100 = 53800$$

NUMERI **CON** LA VIRGOLA

SPOSTO LA VIRGOLA di **DUE** POSIZIONI VERSO DESTRA



$$3,25 \times 100 = 325$$

$$5,325 \times 100 = 532,5$$

$$42,8 \times 100 = 4280$$

MOLTIPLICARE PER 1000

NUMERI SENZA VIRGOLA

AGGIUNGO TRE ZERI A DESTRA DEL NUMERO

$$4 \times 1000 = 4000$$

$$31 \times 1000 = 31000$$

$$378 \times 1000 = 378000$$

NUMERI CON LA VIRGOLA

SPOSTO LA VIRGOLA DI TRE POSIZIONI VERSO DESTRA =



$$0,487 \times 1000 = 487$$

$$3,14 \times 1000 = 3140$$

$$87,2 \times 1000 = 87200$$

**ESERCIZIO 1 : calcola senza mettere
in colonna**

$$9 \times 10$$

$$45 \times 10$$

$$3 \times 100$$

$$536 \times 100$$

$$425 \times 1000$$

$$34 \times 100$$

$$6 \times 1000$$

$$12 \times 10$$

$$134 \times 100$$

$$92 \times 100$$

ESERCIZIO 2 : calcola

$1 \times 1000 = \underline{\hspace{2cm}}$

$23 \times 100 = \underline{\hspace{2cm}}$

$345 \times 10 = \underline{\hspace{2cm}}$

$567 \times 100 = \underline{\hspace{2cm}}$

$356 \times 1000 = \underline{\hspace{2cm}}$

$34 \times 10 = \underline{\hspace{2cm}}$

$834 \times 100 = \underline{\hspace{2cm}}$

$904 \times 1000 = \underline{\hspace{2cm}}$

ESERCIZIO 3 : calcola senza mettere in colonna

$583 \times 10 = \underline{\hspace{2cm}}$

$873 \times 10 = \underline{\hspace{2cm}}$

$816 \times 10 = \underline{\hspace{2cm}}$

$16 \times 10 = \underline{\hspace{2cm}}$

$10 \times 10 = \underline{\hspace{2cm}}$

$10 \times 100 = \underline{\hspace{2cm}}$

$63 \times 100 = \underline{\hspace{2cm}}$

$18 \times 100 = \underline{\hspace{2cm}}$

$2 \times 100 = \underline{\hspace{2cm}}$

$27 \times 100 = \underline{\hspace{2cm}}$

$2 \times 1000 = \underline{\hspace{2cm}}$

$6 \times 1000 = \underline{\hspace{2cm}}$

$9 \times 1000 = \underline{\hspace{2cm}}$

$5 \times 1000 = \underline{\hspace{2cm}}$

ESERCIZIO 4 : calcola senza mettere in colonna

$1,26 \times 10 = \underline{\hspace{2cm}}$

$36,458 \times 10 = \underline{\hspace{2cm}}$

$82,05 \times 10 = \underline{\hspace{2cm}}$

$15 \times 10 = \underline{\hspace{2cm}}$

$184,36 \times 10 = \underline{\hspace{2cm}}$

$7,9 \times 10 = \underline{\hspace{2cm}}$

$1.843,2 \times 10 = \underline{\hspace{2cm}}$

$74 \times 10 = \underline{\hspace{2cm}}$

$15,823 \times 10 = \underline{\hspace{2cm}}$

$607,37 \times 10 = \underline{\hspace{2cm}}$

ESERCIZIO 5 : calcola senza mettere in colonna

$$3,45 \times 100 = \underline{\hspace{2cm}}$$

$$12,8 \times 100 = \underline{\hspace{2cm}}$$

$$41 \times 100 = \underline{\hspace{2cm}}$$

$$0,5 \times 100 = \underline{\hspace{2cm}}$$

$$5,472 \times 100 = \underline{\hspace{2cm}}$$

$$1,153 \times 100 = \underline{\hspace{2cm}}$$

$$36 \times 100 = \underline{\hspace{2cm}}$$

$$14,2 \times 100 = \underline{\hspace{2cm}}$$

$$9,663 \times 100 = \underline{\hspace{2cm}}$$

$$81,5 \times 100 = \underline{\hspace{2cm}}$$

**ESERCIZIO 6 : calcola senza mettere in
colonna**

$0,7 \times 1000 = \underline{\hspace{2cm}}$

$4,731 \times 1000 = \underline{\hspace{2cm}}$

$2,13 \times 1000 = \underline{\hspace{2cm}}$

$3,9 \times 1000 = \underline{\hspace{2cm}}$

$19 \times 1000 = \underline{\hspace{2cm}}$

$6,47 \times 1000 = \underline{\hspace{2cm}}$

$8,04 \times 1000 = \underline{\hspace{2cm}}$

$31 \times 1000 = \underline{\hspace{2cm}}$

$5,601 \times 1000 = \underline{\hspace{2cm}}$

$7,2 \times 1000 = \underline{\hspace{2cm}}$

ESERCIZIO 7 : calcola senza mettere in colonna

$$1,7 \times 10 = \underline{\hspace{2cm}}$$

$$4,6 \times 100 = \underline{\hspace{2cm}}$$

$$0,034 \times 100 = \underline{\hspace{2cm}}$$

$$1,25 \times 10 = \underline{\hspace{2cm}}$$

$$7,46 \times 100 = \underline{\hspace{2cm}}$$

$$2,0067 \times 1000 = \underline{\hspace{2cm}}$$

ESERCIZIO 8 : trova il termine mancante

$$0,08 \times \underline{\hspace{2cm}} = 0,8$$

$$12,74 \times \underline{\hspace{2cm}} = 127,4$$

$$5,4 \times \underline{\hspace{2cm}} = 54$$

$$\underline{\hspace{2cm}} \times 10 = 741,3$$

$$\underline{\hspace{2cm}} \times 100 = 87$$

$$\underline{\hspace{2cm}} \times 1000 = 263,4$$

ESERCIZIO 9 : calcola

$2,4 \times 10 = \underline{\hspace{2cm}}$

$35,7 \times 10 = \underline{\hspace{2cm}}$

$13,8 \times 10 = \underline{\hspace{2cm}}$

$9,2 \times 10 = \underline{\hspace{2cm}}$

$241,5 \times 10 = \underline{\hspace{2cm}}$

$48,3 \times 10 = \underline{\hspace{2cm}}$

$2,74 \times 10 = \underline{\hspace{2cm}}$

$374,1 \times 10 = \underline{\hspace{2cm}}$

$56,24 \times 10 = \underline{\hspace{2cm}}$

$987,01 \times 10 = \underline{\hspace{2cm}}$

$34,20 \times 10 = \underline{\hspace{2cm}}$

$61,59 \times 10 = \underline{\hspace{2cm}}$

$756,71 \times 10 = \underline{\hspace{2cm}}$

$58,78 \times 10 = \underline{\hspace{2cm}}$

$892,35 \times 10 = \underline{\hspace{2cm}}$

ESERCIZIO 10 : calcola

$45,13 \times 100 = \underline{\hspace{2cm}}$

$26,15 \times 100 = \underline{\hspace{2cm}}$

$3,2 \times 100 = \underline{\hspace{2cm}}$

$34,36 \times 100 = \underline{\hspace{2cm}}$

$142,10 \times 100 = \underline{\hspace{2cm}}$

$151,8 \times 100 = \underline{\hspace{2cm}}$

$43,967 \times 100 = \underline{\hspace{2cm}}$

$567,87 \times 100 = \underline{\hspace{2cm}}$

$910,8 \times 100 = \underline{\hspace{2cm}}$

$456,8 \times 100 = \underline{\hspace{2cm}}$

$65,987 \times 100 = \underline{\hspace{2cm}}$

$6,876 \times 100 = \underline{\hspace{2cm}}$

ESERCIZIO 11 : calcola

$35,4 \times 10 = \underline{\hspace{2cm}}$

$85,4 \times 100 = \underline{\hspace{2cm}}$

$344,2 \times 10 = \underline{\hspace{2cm}}$

$244,2 \times 100 = \underline{\hspace{2cm}}$

$736,4 \times 10 = \underline{\hspace{2cm}}$

$866,4 \times 100 = \underline{\hspace{2cm}}$

$835,2 \times 10 = \underline{\hspace{2cm}}$

$425,2 \times 100 = \underline{\hspace{2cm}}$

ESERCIZIO 12 : calcola

$$94,23 \times 10 = \underline{\hspace{4cm}}$$

$$452,23 \times 100 = \underline{\hspace{4cm}}$$

$$48,1 \times 10 = \underline{\hspace{4cm}}$$

$$78,3 \times 100 = \underline{\hspace{4cm}}$$

$$1245,2 \times 10 = \underline{\hspace{4cm}}$$

$$1837,5 \times 100 = \underline{\hspace{4cm}}$$

$$895,4 \times 10 = \underline{\hspace{4cm}}$$

$$978,4 \times 100 = \underline{\hspace{4cm}}$$

ESERCIZIO 13 : calcola

$747,3 \times 1.000 = \underline{\hspace{2cm}}$

$9,28 \times 1.000 = \underline{\hspace{2cm}}$

$3,47 \times 1.000 = \underline{\hspace{2cm}}$

$1,12 \times 1.000 = \underline{\hspace{2cm}}$

$3,475 \times 1.000 = \underline{\hspace{2cm}}$

$0,009 \times 1.000 = \underline{\hspace{2cm}}$

$4,98 \times 1.000 = \underline{\hspace{2cm}}$

$7,422 \times 1.000 = \underline{\hspace{2cm}}$

$28,3 \times 1.000 = \underline{\hspace{2cm}}$

ESERCIZIO 14

$7,6 \times 10 = \underline{\hspace{2cm}}$

$9,5 \times 10 = \underline{\hspace{2cm}}$

$8,3 \times 10 = \underline{\hspace{2cm}}$

$0,2 \times 10 = \underline{\hspace{2cm}}$

$0,9 \times 10 = \underline{\hspace{2cm}}$

$3,48 \times 10 = \underline{\hspace{2cm}}$

$7,45 \times 10 = \underline{\hspace{2cm}}$

$9,76 \times 10 = \underline{\hspace{2cm}}$

$0,85 \times 10 = \underline{\hspace{2cm}}$

$0,63 \times 10 = \underline{\hspace{2cm}}$

ESERCIZIO 15

$8,29 \times 100 = \underline{\hspace{2cm}}$

$9,6 \times 100 = \underline{\hspace{2cm}}$

$7,63 \times 100 = \underline{\hspace{2cm}}$

$2,78 \times 100 = \underline{\hspace{2cm}}$

$0,75 \times 100 = \underline{\hspace{2cm}}$

$0,05 \times 100 = \underline{\hspace{2cm}}$

$7,3 \times 100 = \underline{\hspace{2cm}}$

$0,4 \times 100 = \underline{\hspace{2cm}}$

$0,8 \times 100 = \underline{\hspace{2cm}}$

$4,375 \times 1000 = \underline{\hspace{2cm}}$

$4,739 \times 1000 = \underline{\hspace{2cm}}$

$3,892 \times 1000 = \underline{\hspace{2cm}}$

$7,84 \times 1000 = \underline{\hspace{2cm}}$

$9,28 \times 1000 = \underline{\hspace{2cm}}$

$4,73 \times 1000 = \underline{\hspace{2cm}}$

$0,40 \times 1000 = \underline{\hspace{2cm}}$

ESERCIZIO 16 : completa

$$1,8 \times \underline{\hspace{2cm}} = 18$$

$$0,65 \times \underline{\hspace{2cm}} = 65$$

$$2,41 \times \underline{\hspace{2cm}} = 241$$

$$1,4 \times \underline{\hspace{2cm}} = 14$$

$$0,65 \times \underline{\hspace{2cm}} = 65$$

$$2,91 \times \underline{\hspace{2cm}} = 291$$

$$\underline{\hspace{2cm}} \times 10 = 15$$

$$\underline{\hspace{2cm}} \times 100 = 7$$

$$\underline{\hspace{2cm}} \times 10 = 126$$

$$\underline{\hspace{2cm}} \times 1.000 = 1.317$$

$$\underline{\hspace{2cm}} \times 100 = 1.368$$

$$\underline{\hspace{2cm}} \times 10 = 186$$

$$\underline{\hspace{2cm}} \times 1.000 = 700$$

$$\underline{\hspace{2cm}} \times 100 = 961$$

$$\underline{\hspace{2cm}} \times 10 = 452$$

$$\underline{\hspace{2cm}} \times 1000 = 999$$

ESERCIZIO 17 : esegui le operazioni indicate

$$1272 : 1000 = \underline{\hspace{2cm}}$$

$$53,4 : 10 = \underline{\hspace{2cm}}$$

$$3800 : 1000 = \underline{\hspace{2cm}}$$

$$8\ 530 : 1000 = \underline{\hspace{2cm}}$$

$$7650 : 10 = \underline{\hspace{2cm}}$$

$$42,52 : 100 = \underline{\hspace{2cm}}$$

$$21,4 : 100 = \underline{\hspace{2cm}}$$

$$32,8 : 1000 = \underline{\hspace{2cm}}$$

$$125,6 : 100 = \underline{\hspace{2cm}}$$

$$758,3 : 1.000 = \underline{\hspace{2cm}}$$

$$427,2 : 1.000 = \underline{\hspace{2cm}}$$

$$4.828,37 : 1.000 = \underline{\hspace{2cm}}$$

$$18,9 : 1.000 = \underline{\hspace{2cm}}$$

$$28,3 : 1.000 = \underline{\hspace{2cm}}$$

$$4,87 : 1.000 = \underline{\hspace{2cm}}$$

ESERCIZIO 18 : esegui le operazioni indicate

$2,56 \times 10 = \underline{\hspace{2cm}}$

$3,1 \times 10 = \underline{\hspace{2cm}}$

$5,30 \times 10 = \underline{\hspace{2cm}}$

$19,24 \times 10 = \underline{\hspace{2cm}}$

$14,39 : 10 = \underline{\hspace{2cm}}$

$8,1 : 10 = \underline{\hspace{2cm}}$

$2,48 : 10 = \underline{\hspace{2cm}}$

$1.048,1 : 10 = \underline{\hspace{2cm}}$

$1,4 \times 100 = \underline{\hspace{2cm}}$

$2,13 \times 100 = \underline{\hspace{2cm}}$

$0,31 \times 100 = \underline{\hspace{2cm}}$

$1,87 \times 100 = \underline{\hspace{2cm}}$

$26,9 : 100 = \underline{\hspace{2cm}}$

$398,7 : 100 = \underline{\hspace{2cm}}$

$4,91 : 100 = \underline{\hspace{2cm}}$

$51,81 : 100 = \underline{\hspace{2cm}}$

$35,74 \times 1.000 = \underline{\hspace{2cm}}$

$19,4 \times 1.000 = \underline{\hspace{2cm}}$

$2,458 \times 1.000 = \underline{\hspace{2cm}}$

$37,2 \times 1.000 = \underline{\hspace{2cm}}$

$40,4 : 1.000 = \underline{\hspace{2cm}}$

$2.000,6 : 1.000 = \underline{\hspace{2cm}}$

$8,9 : 1.000 = \underline{\hspace{2cm}}$

$27,81 : 1.000 = \underline{\hspace{2cm}}$

ESERCIZIO 19 : esegui le operazioni indicate

$39,5 : 10 = \underline{\hspace{2cm}}$

$87,2 : 10 = \underline{\hspace{2cm}}$

$63,4 : 10 = \underline{\hspace{2cm}}$

$45,8 : 10 = \underline{\hspace{2cm}}$

$7,8 : 10 = \underline{\hspace{2cm}}$

$9,6 : 10 = \underline{\hspace{2cm}}$

$3,6 : 10 = \underline{\hspace{2cm}}$

$0,2 : 10 = \underline{\hspace{2cm}}$

ESERCIZIO 20 : esegui le operazioni indicate

$287,9 : 100 = \underline{\hspace{2cm}}$

$364,5 : 100 = \underline{\hspace{2cm}}$

$728,4 : 100 = \underline{\hspace{2cm}}$

$463,8 : 100 = \underline{\hspace{2cm}}$

$65,4 : 100 = \underline{\hspace{2cm}}$

$37,9 : 100 = \underline{\hspace{2cm}}$

$42,5 : 100 = \underline{\hspace{2cm}}$

$73,8 : 100 = \underline{\hspace{2cm}}$

$1375,4 : 1000 = \underline{\hspace{2cm}}$

$1217,9 : 1000 = \underline{\hspace{2cm}}$

$3483,2 : 1000 = \underline{\hspace{2cm}}$

$7283,7 : 1000 = \underline{\hspace{2cm}}$

$480,7 : 1000 = \underline{\hspace{2cm}}$

$932,9 : 1000 = \underline{\hspace{2cm}}$

$492,8 : 1000 = \underline{\hspace{2cm}}$

$799,9 : 1000 = \underline{\hspace{2cm}}$