

Entraînement calcul mental - 2

Exercice 1 : multiplier ces nombres par 1 000.

- a) $125,63 \times 1\,000 = 125\,630$
- b) $12,24 \times 1\,000 = 12\,240$
- c) $87,23 \times 1\,000 = 87\,230$
- d) $250,258 \times 1\,000 = 250\,258$
- e) $278,14 \times 1\,000 = 278\,140$

Exercice 2 : calcule en ligne.

Exemple : $21,3 \times 20 = (21,3 \times 2) \times 10 = 42,6 \times 10 = 426$

- a) $41,31 \times 20 = (41,31 \times 2) \times 10 = 82,62 \times 10 = 826,2$
- b) $8,24 \times 20 = (8,24 \times 2) \times 10 = 16,48 \times 10 = 164,8$
- c) $81,321 \times 30 = (81,321 \times 3) \times 10 = 243,963 \times 10 = 2\,439,63$
- d) $2,325 \times 300 = (2,325 \times 3) \times 100 = 6,975 \times 100 = 697,5$
- e) $1\,524,2 \times 200 = (1\,524,2 \times 2) \times 100 = 3\,048,4 \times 100 = 304\,840$
- f) $14,134 \times 3\,000 = (14,134 \times 3) \times 1\,000 = 42,402 \times 1\,000 = 42\,402$

Exercice 3 : arrondis au nombre entier le plus proche, puis calcule un ordre de grandeur.

Exemple : $38,7 \times 21 \rightarrow 40 \times 20 \rightarrow 800$

- a) $389,7 \times 61 \rightarrow 400 \times 60 \rightarrow 24\,000$
- b) $171,3 \times 59 \rightarrow 200 \times 60 \rightarrow 12\,000$
- c) $602,31 \times 48 \rightarrow 600 \times 50 \rightarrow 30\,000$
- d) $9,748 \times 41 \rightarrow 10 \times 40 \rightarrow 400$
- e) $10,788 \times 703 \rightarrow 10 \times 700 \rightarrow 7\,000$
- f) $87,89 \times 98 \rightarrow 90 \times 100 \rightarrow 9\,000$
- g) $59,89 \times 198 \rightarrow 60 \times 200 \rightarrow 12\,000$
- h) $6,958 \times 401 \rightarrow 10 \times 400 \rightarrow 4\,000$