

Interlude : Calcul mental

1) Multiplier par 10 ; 100...

$$\begin{array}{ll} 4 \times 10 = \dots\dots\dots & 2,48 \times 10 = \dots\dots\dots \\ 0,2564 \times 100 = \dots\dots\dots & 25,1789 \times 1000 = \dots\dots\dots \\ & 14,12 \times 10000 = \dots\dots\dots \end{array}$$

2) Multiplier par 0,1 ; 0,01 ...

$$\begin{array}{ll} 4 \times 0,1 = \dots\dots\dots & 412,48 \times 0,01 = \dots\dots\dots \\ 1450,2564 \times 0,01 = \dots\dots\dots & 25695,19 \times 0,001 = \dots\dots\dots \\ & 14,12 \times 0,001 = \dots\dots\dots \end{array}$$

3) Diviser par 10 ; 100 etc

$$\begin{array}{ll} 4 \div 10 = \dots\dots\dots & 412,48 \div 100 = \dots\dots\dots \\ 1450,2564 \div 100 = \dots\dots\dots & 25695,19 \div 1000 = \dots\dots\dots \\ & 14,12 \div 1000 = \dots\dots\dots \end{array}$$

4) Diviser par 0,1 ; 0,01 etc

$$\begin{array}{ll} 4 \div 0,1 = \dots\dots\dots & 2,48 \div 0,1 = \dots\dots\dots \\ 0,2564 \div 0,01 = \dots\dots\dots & 25,1789 \div 0,001 = \dots\dots\dots \\ & 14,12 \div 0,0001 = \dots\dots\dots \end{array}$$

5) Multiplier par 5 ; 25 ; 50

$$\begin{array}{ll} 5 \times 14 = \dots\dots\dots & 5 \times 38 = \dots\dots\dots \\ 5 \times 49 = \dots\dots\dots & 5 \times 14,5 = \dots\dots\dots \\ & 5 \times 53,4 = \dots\dots\dots \end{array}$$

6) Multiplier par 0,5 ; 0,25

$$\begin{array}{ll} 0,25 \times 14 = \dots\dots\dots & 0,5 \times 38 = \dots\dots\dots \\ 0,25 \times 49 = \dots\dots\dots & 0,25 \times 14,5 = \dots\dots\dots \\ & 0,5 \times 53,4 = \dots\dots\dots \end{array}$$

5) Distributivité : Calculer de tête :

$$\begin{array}{ll} 21 \times 17 = \dots\dots\dots & 35 \times 11 = \dots\dots\dots \\ 36 \times 14 = \dots\dots\dots & 13 \times 14 = \dots\dots\dots \\ 75 \times 61 = \dots\dots\dots & 9 \times 422 = \dots\dots\dots \\ 8 \times 45 = \dots\dots\dots & 7 \times 63 = \dots\dots\dots \\ 79 \times 60 = \dots\dots\dots & 99 \times 47 = \dots\dots\dots \end{array}$$

$$422*10-422=4220-422=3798$$

$$8*45=45*10-45*2=450-90=360 \text{ ou } 45*2*2*2=90*2*2=180*2=360$$

$$7*63=10*63-3*63=630-189=441 \text{ ou } 7*7*9=49*9=490-49=441$$

$$79*60=80*60-60=4800-60=4740$$

$$99*47=100*47-47=4700-47=4653$$

$$21*17 = 20*17+1*17=340+17=357$$

$$35*11=385$$

$$26*14=25*14+14*1=350+14=364$$

$$13*14=13*10+13*4=130+52=182$$

$$75*61=75*60+75*1=4500+75=4575$$