

6

Introduction, revision (p. 118, 119)

	d	u	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$	$\frac{1}{10000}$	$\frac{1}{100000}$	$\frac{1}{1000000}$	
no 1 a)		2	0	0	1	2			2,0012
b)		0	0	0	0	0	0	7	0,000007
c)	1	6	0	0	0	4	6		16,00046
d)		1	0	0	0	0	5	1	1,000051

no 2 a) $100 \times$ 0, 6 2 6


b) $1000 \times$ 5, 4 8 9 4 8


c) $10 \times$ 0, 0 0 0 3 5 5


d) $100 \times$ 9, 3 9


no 3 0,126582 g

a) $0,1 + 0,02 + 0,006 + 0,0005 + 0,00008 + 0,000002$

b) cent vingt six mille cinq cent quatre-vingt-deux millionnièmes

no 4

a) $6,23 \times 4 \approx 6 \times 4 = 24$

b) $21,872 \times 3 \approx 22 \times 3 = 66$

c) $9,49 \times 7 \approx 10 \times 7 = 70$

d) $18,39 \div 3 \approx 18 \div 3 = 6$

e) $125,431 \div 5 \approx 125 \div 5 = 25$

f) $19,8 \div 4 \approx 20 \div 4 = 5$

no 5 a) $6,9 \times 7 = 48,3$ ($7 \times 7 = 49$)

b) $7,53 \times 3 = 22,59$ ($7 \times 3 = 21$)

c) $11,288 \times 4 = 45,152$ ($11 \times 4 = 44$)

d) $2,307 \times 5 = 11,535$ ($2 \times 5 = 10$)

e) $3,005 \times 4 = 12,02$ ($4 \times 3 = 12$)

f) $4,916 \times 5 = 24,58$ ($4 \times 5 = 20$)

$$\begin{array}{r} 1106 \\ \times \quad 9,075 \\ \hline 54,450 \end{array}$$

$$= 54,450 \text{ kg}$$

$$\begin{array}{r} \text{no 7} \\ \times \quad 0,321 \\ \hline 1,926 \end{array}$$

$$\begin{array}{r} \text{b) } \\ \times \quad 0,0249 \\ \hline 0,1245 \end{array}$$

$$\begin{array}{r} \text{c) } \\ \times \quad 0,0043 \\ \hline 0,0301 \end{array}$$

$$\begin{array}{r} \text{no 8} \\ \times \quad 0,385 \\ \hline 1,420 \end{array}$$

Non, elle n'a pas assez de lait

$$\begin{array}{r} 1,5100 \\ - 1,420 \\ \hline 0,080 \end{array}$$

il lui manque 0,080 L

$$\text{no 9 a) } \approx 6 \cdot (36 \div 6)$$

$$\begin{array}{r} 6,095 \\ 6 \overline{) 36,57} \\ \underline{36} \\ 057 \\ \underline{54} \\ 30 \end{array}$$

$$= 6,095$$

$$\text{b) } \approx 6 (24 \div 4)$$

$$\begin{array}{r} 5,6025 \\ 4 \overline{) 22,41} \\ \underline{20} \\ 24 \\ \underline{24} \\ 010 \\ \underline{8} \\ 20 \end{array}$$

$$= 5,6025$$

$$\text{c) } \approx 2 (4 \div 2)$$

$$\begin{array}{r} 2,0945 \\ 2 \overline{) 4,189} \\ \underline{4} \\ 018 \\ \underline{18} \\ 09 \\ \underline{8} \\ 10 \end{array}$$

$$= 2,0945$$

$$\text{d) } \approx 5 (45 \div 9)$$

$$\begin{array}{r} 4,7 \\ 9 \overline{) 42,3} \\ \underline{36} \\ 63 \\ \underline{63} \\ 0 \end{array}$$

$$= 4,7$$

$$\text{e) } \approx 2 (8 \div 4)$$

$$\begin{array}{r} 2,0675 \\ 4 \overline{) 8,27} \\ \underline{8} \\ 027 \\ \underline{24} \\ 30 \\ \underline{28} \\ 20 \\ \underline{20} \\ 0 \end{array}$$

$$= 2,0675$$

$$\text{f) } \approx 1 (8 \div 8)$$

$$\begin{array}{r} 0,89185 \\ 8 \overline{) 7,1348} \\ \underline{0} \\ 71 \\ \underline{64} \\ 73 \\ \underline{72} \\ 14 \\ \underline{8} \\ 68 \\ \underline{64} \\ 40 \\ \underline{40} \\ 0 \end{array}$$

$$= 0,89185$$

no 10

$$a) 9 \div 3 = 3 \quad 3,116$$

$$b) 50 \div 5 = 10 \quad 10,585$$

$$c) 1 \div 8 = 0 \quad 0,236$$

$$\text{no 11} \quad 431,94 \div 6 \quad (420 \div 6 = 70)$$

$$\begin{array}{r} 71,99 \\ 6 \overline{) 431,94} \\ \underline{-42} \\ 11 \\ \underline{-6} \\ 59 \\ \underline{-54} \\ 54 \\ \underline{-54} \\ 0 \end{array} = 71,99 \text{ m}$$

$$\text{no 12 a)} \quad 6 \overline{) 24,15} = 4,025$$

$$\begin{array}{r} 4,025 \\ 6 \overline{) 24,15} \\ \underline{-24} \\ 01 \\ \underline{0} \\ 15 \\ \underline{-12} \\ 30 \end{array}$$

$$b) \quad 8 \overline{) 31,875} = 3,98375$$

$$\begin{array}{r} 3,98375 \\ 8 \overline{) 31,875} \\ \underline{-24} \\ 78 \\ \underline{-72} \\ 67 \\ \underline{-64} \\ 30 \\ \underline{24} \\ 60 \\ \underline{56} \\ 40 \\ \underline{-40} \\ 0 \end{array}$$

$$c) \quad 6 \overline{) 9,3} = 1,55$$

$$\begin{array}{r} 1,55 \\ 6 \overline{) 9,3} \\ \underline{-6} \\ 33 \\ \underline{-30} \\ 30 \\ \underline{-30} \\ 0 \end{array}$$

$$d) \quad 4 \overline{) 14,523} = 3,63075$$

$$\begin{array}{r} 3,63075 \\ 4 \overline{) 14,523} \\ \underline{-12} \\ 25 \\ \underline{-24} \\ 12 \\ \underline{-12} \\ 030 \\ \underline{-28} \\ 20 \\ \underline{-20} \\ 0 \end{array}$$

$$e) \quad 9 \overline{) 3,5} = 0,3\bar{8}$$

$$\begin{array}{r} 0,3\bar{8} \\ 9 \overline{) 3,5} \\ \underline{-0} \\ 35 \\ \underline{-27} \\ 80 \\ \underline{-72} \\ 80 \end{array}$$

f) $9 \overline{) 11,68} = 1,29\overline{7}$

($9:9=1$)

$$\begin{array}{r}
 1,297 \\
 9 \overline{) 11,68} \\
 \underline{9} \\
 26 \\
 \underline{-18} \\
 88 \\
 \underline{-81} \\
 70 \\
 \underline{-63} \\
 7
 \end{array}$$

no 13 $8 \overline{) 25,259} = 3,16 \text{ kg}$

($24:8=3$)

$$\begin{array}{r}
 3,157 \\
 8 \overline{) 25,259} \\
 \underline{24} \\
 12 \\
 \underline{-8} \\
 45 \\
 \underline{-40} \\
 59 \\
 \underline{-56} \\
 3
 \end{array}$$

no 14 a) $8 \overline{) 0,0725} = 0,0725$

$$\begin{array}{r}
 0,0725 \\
 8 \overline{) 0,58} \\
 \underline{-0} \\
 058 \\
 \underline{-56} \\
 20 \\
 \underline{-16} \\
 40
 \end{array}$$

b) $4 \overline{) 0,0165} = 0,0165$

$$\begin{array}{r}
 0,0165 \\
 4 \overline{) 0,066} \\
 \underline{-00} \\
 006 \\
 \underline{-4} \\
 26 \\
 \underline{-24} \\
 20
 \end{array}$$

c) $8 \overline{) 0,01775} = 0,01775$

$$\begin{array}{r}
 0,01775 \\
 8 \overline{) 0,142} \\
 \underline{-014} \\
 62 \\
 \underline{-56} \\
 60 \\
 \underline{-56} \\
 40
 \end{array}$$

d) $6 \overline{) 0,00125} = 0,00125$

$$\begin{array}{r}
 0,00125 \\
 6 \overline{) 0,0075} \\
 \underline{-000} \\
 007 \\
 \underline{-6} \\
 15 \\
 \underline{-12} \\
 30 \\
 \underline{-30} \\
 0
 \end{array}$$

$$\begin{array}{r}
 e) \quad 6 \overline{) 0,0135} \\
 \underline{0,081} \\
 0,08 \\
 \underline{-6} \\
 21 \\
 \underline{-18} \\
 30 \\
 \underline{-30} \\
 0
 \end{array}
 = 0,0135$$

$$\begin{array}{r}
 f) \quad 5 \overline{) 0,018} \\
 \underline{0,09} \\
 0,09 \\
 \underline{-5} \\
 40 \\
 \underline{-40} \\
 0
 \end{array}
 = 0,018$$

no 15 $0,0119 \div 7$

$$\begin{array}{r}
 7 \overline{) 0,0017} \\
 \underline{0,0119} \\
 0,011 \\
 \underline{7} \\
 49 \\
 \underline{-49} \\
 0
 \end{array}
 = 0,00179$$

preuve

$$\begin{array}{r}
 0,0017 \\
 14 \\
 \times 7 \\
 \hline
 0,0119 \quad \checkmark
 \end{array}$$