



NUMÉRATION ET FRACTIONS - NIVEAU 3

✓ Corrections

EX 1

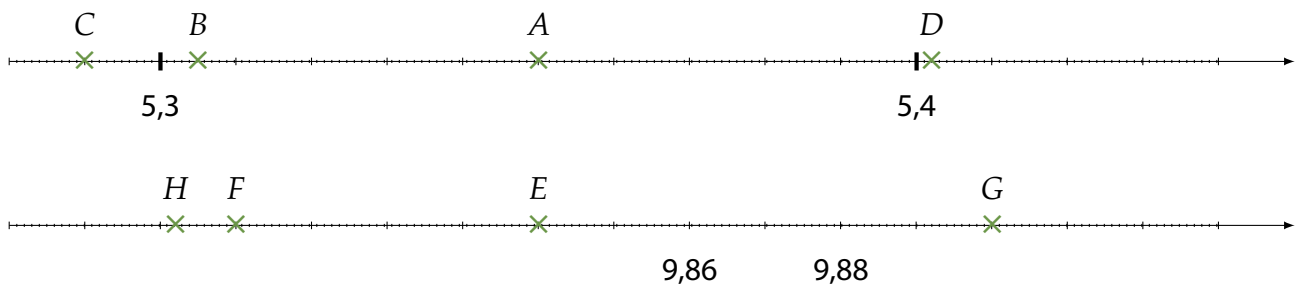
A(2,8) B(3,7) C(4,3) D(5,19) E(5,22) F(5,31) G(4,3) H(5,5) I(6,8)

EX 2

A(5,68) B(2,95) C(4,19) D(3,104) E(4,999) F(5,003) G(5,0056) H(5,011) I(7,22) J(7,233)
K(7,3) L(7,31)

EX 3

Placer les points.



EX 4

- | | |
|----------------------|---------------------|
| 1. $0,082 > 0,0802$ | 5. $97,6 = 97,60$ |
| 2. $57,87 > 56,9485$ | 6. $40,411 < 40,46$ |
| 3. $6,34 < 6,54$ | 7. $0,203 < 0,302$ |
| 4. $40,6 > 40,19$ | 8. $76,42 > 76,12$ |

EX 5

- $7,11 < 7,6 < 7,608 < 70,6 < 70,909 < 70,99$
- $500,6 > 500,12 > 50,119 > 50,06 > 5,11 > 5,06$





NUMÉRATION ET FRACTIONS - NIVEAU 3

EX 6

Plusieurs solutions sont possibles.

$16 < 16,2 < 17$

$3,5 < 3,6 < 3,8$

$2,5 < 2,52 < 2,6$

$1,9 < 1,99 < 2$

$100,05 < 100,052 < 100,06$

$99,99 < 99,99,3 < 100$

$5,302 < 5,342 < 5,4$

$903,07 < 903,2 < 903,7$

EX 7

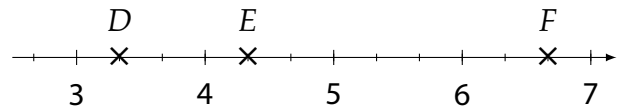
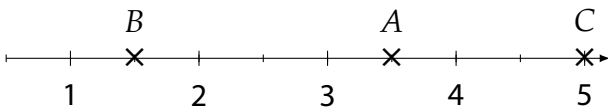
$A\left(\frac{9}{4}\right); B\left(\frac{15}{4}\right); C\left(\frac{22}{4}\right)$

$G\left(\frac{11}{2}\right); H\left(\frac{15}{2}\right); I\left(\frac{17}{2}\right)$

$D\left(\frac{2}{3}\right); E\left(\frac{10}{3}\right); F\left(\frac{13}{3}\right)$

$J\left(\frac{17}{5}\right); K\left(\frac{21}{5}\right); L\left(\frac{32}{5}\right)$

EX 8



EX 9

1. $\frac{1}{4} \times 20 \text{ €} = 20 \text{ €} \div 4 = 5 \text{ €}$

2. $\frac{3}{4} \times 20 \text{ €} = 3 \times \frac{1}{4} \times 20 \text{ €} = 3 \times 5 \text{ €} = 15 \text{ €}$

3. $\frac{1}{3} \times 60 \text{ min} = 60 \text{ min} \div 3 = 20 \text{ min}$

4. $\frac{2}{3} \times 60 \text{ min} = 2 \times \frac{1}{3} \times 60 \text{ min} = 2 \times 20 \text{ min} = 40 \text{ min}$

5. $\frac{1}{5} \times 35 \text{ L} = 35 \text{ L} \div 5 = 7 \text{ L}$

6. $\frac{3}{5} \times 35 \text{ L} = 3 \times \frac{1}{5} \times 35 \text{ L} = 3 \times 7 \text{ L} = 21 \text{ L}$



NUMÉRATION ET FRACTIONS - NIVEAU 3

$$7. \frac{1}{2} \times 16 \text{ €} = 16 \text{ €} \div 2 = 8 \text{ €}$$

$$8. \frac{3}{2} \times 16 \text{ €} = 3 \times \frac{1}{2} \times 16 \text{ €} = 3 \times 8 \text{ €} = 24 \text{ €}$$

EX 10

$$\frac{1}{2} \times 12 = 6$$

$$\frac{1}{6} \times 18 = 3$$

$$\frac{2}{5} \times 15 = 6$$

$$\frac{4}{3} \times 15 = 20$$

$$\frac{3}{100} \times 400 = 12$$

$$\frac{3}{2} \times 12 = 18$$

$$\frac{5}{6} \times 18 = 15$$

$$\frac{3}{4} \times 8 = 6$$

$$\frac{6}{7} \times 35 = 30$$

$$\frac{5}{4} \times 20 = 25$$

EX 11

1 Mo = 1 000 000 octets

1 To = 1 000 000 000 000 octets

1 Go = 1 000 000 octets

1 Go = 1 000 Mo

1 To = 1 000 000 Mo

1 To = 1 000 Go

100 Go = 0,1 To

600 Mo = 0,6 Go

800 Mo = 0,000 8 To

2,5 To = 2 500 000 Mo

EX 12

$$1. 0,7 \text{ hL} = 0,7 \times 100 \text{ L} = 70 \text{ L}$$

$$2. 3,83 \text{ mm} = 3,83 \div 1 000 \text{ m} = 0,003 83 \text{ m}$$

$$3. 14,6 \text{ hm} = 14,6 \times 100 \text{ m} = 1 460 \text{ m}$$

$$4. 4,7 \text{ km} = 4,7 \times 1 000 \text{ m} = 4 700 \text{ m}$$

$$5. 0,08 \text{ hm} = 0,08 \times 100 \text{ m} = 8 \text{ m}$$

$$6. 18,7 \text{ dam} = 18,7 \times 10 \text{ m} = 187 \text{ m}$$

$$7. 7,8 \text{ km} = 7,8 \times 1 000 \text{ m} = 7 800 \text{ m}$$

$$8. 0,07 \text{ mL} = 0,07 \div 1 000 \text{ L} = 0,000 07 \text{ L}$$

EX 13

$$1. 0,1 \text{ To} = 0,1 \times 1 000 \text{ Go} = 100 \text{ Go}$$

$$2. 7,98 \text{ dam} = 7,98 \times 10 \text{ m} = 79,8 \text{ m}$$

$$3. 12,8 \text{ dm} = 12,8 \div 10 \text{ m} = 1,28 \text{ m}$$

$$4. 16,2 \text{ hL} = 16,2 \times 100 \text{ L} = 1 620 \text{ L}$$

$$5. 8,6 \text{ mm} = 8,6 \div 1 000 \text{ m} = 0,008 6 \text{ m}$$

$$6. 0,06 \text{ ko} = 0,06 \times 1 000 \text{ o} = 60 \text{ o}$$