

Nom _____

Date _____

Vocabulaire mathématique — fiche d'exercices

36 tasks in five styles, covering every key word in Unit 1.

A · Unscramble the term — Remets les lettres dans l'ordre pour trouver le terme correspondant à la définition.

- 1 **xnied**
The small raised number showing how many 10s are multiplied.
Example: In 10^4 the index is 4.
- 2 **dornu**
To replace a number by a nearby, simpler one.
Example: 4.27 rounds to 4.3.
- 3 **tidig**
One of the symbols 0 to 9.
Example: 45.6 has three digits.
- 4 **hettns**
The first decimal place.
Example: In 0.4 there are 4 tenths.
- 5 **huhdnertds**
The second decimal place.
Example: In 0.07 there are 7 hundredths.
- 6 **eparpxomita**
Close to the true value but not exact.
Example: 1.21 is an approximate value of $8.46 \div 7$.

B · Fill in the gaps — Utilise un mot de la boîte pour compléter chaque phrase.

- 7 The small raised number in 10^4 is called the _____.
Boîte à mots :
- 8 The value a digit has because of its position is its _____.
Boîte à mots :

9 To _____ a number is to replace it by a nearby, simpler one.

Boîte à mots :

10 “To 2 decimal places” describes the required _____.

Boîte à mots :

11 A digit position after the decimal point is called a _____.

Boîte à mots :

12 Counting from the first non-zero digit gives the _____.

Boîte à mots :

13 A rounded answer is _____ rather than exact.

Boîte à mots :

14 1000 is a _____ because it is $10 \times 10 \times 10$.

Boîte à mots :

C · Choose the correct ending — Choisis la raison qui termine correctement chaque phrase.

15 Multiplying by 10^3 moves the digits three places to the left because ...

- ☐ three is an odd number
- ☐ multiplying makes the number bigger
- ☐ there are three digits in 1000

16 4.27 rounds to 4.3 because ...

- ☐ 7 is bigger than 4
- ☐ the digit after the tenths place is 5 or more
- ☐ 4.3 is a nicer number

17 9.999 rounds to 10 to 2 decimal places because ...

- ☐ 9.999 is nearly 10 anyway
- ☐ rounding the last 9 up carries all the way along
- ☐ you always round 9s up to 10

18 You work a division out to one extra decimal place because ...

- ☐ it looks more impressive
- ☐ you need that digit to decide how to round
- ☐ calculators do it that way

19 Crossing zeros off the end is a risky way to divide by 10^4 because ...

- ☐ it is slower
- ☐ the number may not have four zeros to cross off
- ☐ zeros are not really digits

20 45 678 to 3 significant figures is 45 700 because ...

- ☐ you keep three digits and the rest become zeros, after rounding
- ☐ you delete the last two digits
- ☐ 7 is bigger than 5

D · Match the definition — Écris le terme qui correspond à chaque définition.

- 21 Which term means: *A number made by multiplying 10s together.*
- 22 Which term means: *The small raised number showing how many 10s are multiplied.*
- 23 Which term means: *The value a digit has because of its position.*
- 24 Which term means: *To replace a number by a nearby, simpler one.*
- 25 Which term means: *How precise an answer must be.*
- 26 Which term means: *A digit position after the decimal point.*
- 27 Which term means: *The digits that carry meaning, from the first non-zero digit.*
- 28 Which term means: *Close to the true value but not exact.*
- 29 Which term means: *The first decimal place.*
- 30 Which term means: *The second decimal place.*

E · Reading and writing number — Lire correctement les consignes de valeur de position et de précision.

- 31 How do you read 10^5 aloud?
- ☐ ten five
 - ☐ ten to the power of five
 - ☐ five tens
 - ☐ ten fifths
- 32 How do you read 0.07 aloud?
- ☐ nought point zero seven
 - ☐ nought point seven
 - ☐ seven hundredths — or “nought point zero seven”
 - ☐ seven tenths
- 33 A question says “give your answer to 2 d.p.”. What must you do?
- ☐ Give two digits in total
 - ☐ Give two digits after the decimal point
 - ☐ Multiply by 2
 - ☐ Round to the nearest 2
- 34 A question says “round to a sensible degree of accuracy”. What does that ask?
- ☐ Round to as many digits as possible
 - ☐ Choose an accuracy that suits the situation
 - ☐ Always round to 2 decimal places
 - ☐ Do not round at all

- 35** What does the symbol $\approx$ mean?
- ☐ is equal to
 - ☐ is approximately equal to
 - ☐ is less than
 - ☐ is rounded down
- 36** In the number 4506.78, what is the place value of the 5?
- ☐ 5
 - ☐ 50
 - ☐ 500
 - ☐ 0.5