

Name _____

Date _____

Maths vocabulary — answers

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

A · Unscramble the term — Rearrange the letters to make the term that matches the definition.

1 hettns

The first decimal place.

Example: In 0.4 there are 4 tenths.

Answer: tenths

The word is **tenths** — The first decimal place.

2 huhdnertds

The second decimal place.

Example: In 0.07 there are 7 hundredths.

Answer: hundredths

The word is **hundredths** — The second decimal place.

3 eocpmra

To decide which of two numbers is larger.

Example: $6.45 < 8.9$.

Answer: compare

The word is **compare** — To decide which of two numbers is larger.

4 rroed

To arrange numbers by size.

Example: 2.6, 2.816, 2.82 are in order of size.

Answer: order

The word is **order** — To arrange numbers by size.

5 trpdocu

The result of a multiplication.

Example: The product of 0.3 and 7 is 2.1.

Answer: product

The word is **product** — The result of a multiplication.

6 tseitame

A rough answer used to check the exact one.

Example: $476 \times 3.7 \approx 500 \times 4 = 2000$.

Answer: estimate

The word is **estimate** — A rough answer used to check the exact one.

B · Fill in the gaps — Use a word from the box to complete each sentence.

- 7 In 14.639 the number 14 is the _____.
Word box: ☐
Answer: whole-number part
It is everything before the decimal point.
- 8 In 14.639 the 0.639 is the _____.
Word box: ☐
Answer: decimal part
It is everything after the decimal point.
- 9 Splitting 1.5 into $1 + 0.5$ is called _____.
Word box: ☐
Answer: partitioning
It makes 1.5×48 into $48 + 24$.
- 10 Writing 0.06 as $6/100$ uses an _____.
Word box: ☐
Answer: equivalent fraction
The two forms have exactly the same value.
- 11 Working $2.3 + 7.8$ out in your head is a _____.
Word box: ☐
Answer: mental method
No pen needed: $9 + 1.1 = 10.1$.
- 12 Lining up the decimal points in columns is a _____.
Word box: ☐
Answer: written method
It keeps the place values aligned.
- 13 The 4 in 3.47 stands for 4 tenths because of its _____.
Word box: ☐
Answer: place value
Position decides value.
- 14 Rounding 476×3.7 to 500×4 gives an _____.
Word box: ☐
Answer: estimate
It checks whether the exact answer is sensible.

C · Choose the correct ending — Pick the reason that correctly finishes each sentence.

- 15 2.816 is smaller than 2.82 because ...
☐ it has more digits
☐ 1 hundredth is less than 2 hundredths
☐ it ends in 6
Answer: 1 hundredth is less than 2 hundredths
Both have 2 units and 8 tenths, so the hundredths decide it.

- 16** You write 10 as 10.00 before subtracting 4.83 because ...

- ☐ 10 is not a decimal
- ☐ the columns then line up and you can borrow
- ☐ it makes the answer bigger

Answer: the columns then line up and you can borrow

$10.00 - 4.83 = 5.17$.

- 17** $0.002 \times 4 = 0.008$ because ...

- ☐ $2 \times 4 = 8$ and the question has three decimal places
- ☐ you add three zeros
- ☐ 0.002 is very small

Answer: $2 \times 4 = 8$ and the question has three decimal places

The answer needs the same number of decimal places as the question.

- 18** 30×0.06 can be written as 1.8 rather than 1.80 because ...

- ☐ 1.8 is smaller
- ☐ a zero at the end of a decimal adds nothing
- ☐ you always drop zeros

Answer: a zero at the end of a decimal adds nothing

1.80 and 1.8 are the same number.

- 19** You work $8.46 \div 7$ out to 3 decimal places when you need 2 because ...

- ☐ it looks better
- ☐ you need the extra digit to decide how to round
- ☐ 7 has one digit

Answer: you need the extra digit to decide how to round

1.208... rounds up to 1.21.

- 20** $0.06 \times 3500 = 210$ can be found by writing 0.06 as $6 \div 100$ because ...

- ☐ 100 is a round number
- ☐ multiplication and division can be done in any order
- ☐ 3500 ends in zeros

Answer: multiplication and division can be done in any order

$6 \times (3500 \div 100) = 6 \times 35 = 210$.

- 21** $2.5 \times 16 = 5 \times 8$ because ...

- ☐ both give 40
- ☐ doubling one number and halving the other leaves the product unchanged
- ☐ 16 is a multiple of 8

Answer: doubling one number and halving the other leaves the product unchanged

$\times 2$ and $\div 2$ cancel each other out.

- 22** 0.4×0.7 is smaller than both numbers because ...

- ☐ the answer has more decimal places
- ☐ multiplying by a number less than 1 makes things smaller
- ☐ 0.4 and 0.7 are small

Answer: multiplying by a number less than 1 makes things smaller

0.7 of 0.4 is less than 0.4.

D · Match the definition — Type the term that matches each definition.

- 23** Which term means: *A number with a decimal point, such as 3.47.*
Answer: decimal number
decimal number — 8.9 is a decimal.
- 24** Which term means: *The part of a decimal before the point.*
Answer: whole-number part
whole-number part — In 14.639 the whole-number part is 14.
- 25** Which term means: *The part of a number after the point.*
Answer: decimal part
decimal part — In 14.639 the decimal part is 0.639.
- 26** Which term means: *The first decimal place.*
Answer: tenths
tenths — In 0.4 there are 4 tenths.
- 27** Which term means: *The second decimal place.*
Answer: hundredths
hundredths — In 0.07 there are 7 hundredths.
- 28** Which term means: *The third decimal place.*
Answer: thousandths
thousandths — In 0.002 there are 2 thousandths.
- 29** Which term means: *To decide which of two numbers is larger.*
Answer: compare
compare — $6.45 < 8.9$.
- 30** Which term means: *To arrange numbers by size.*
Answer: order
order — 2.6, 2.816, 2.82 are in order of size.
- 31** Which term means: *Splitting a number into parts that are easier to work with.*
Answer: partitioning
partitioning — $1.5 \times 48 = 48 + 24$.
- 32** Which term means: *A fraction with the same value written another way.*
Answer: equivalent fraction
equivalent fraction — $0.06 = 6/100$.
- 33** Which term means: *How precise an answer must be.*
Answer: degree of accuracy
degree of accuracy — “To 2 decimal places” is a degree of accuracy.
- 34** Which term means: *A rough answer used to check the exact one.*
Answer: estimate
estimate — $476 \times 3.7 \approx 500 \times 4 = 2000$.

E · Reading and writing decimals — Read decimals and instructions correctly.

35 How do you read 0.002 aloud?

- ☐ nought point two
- ☐ nought point zero zero two
- ☐ two hundredths
- ☐ two hundred

Answer: nought point zero zero two

Read the digits after the point one at a time. Its place value is 2 thousandths.

36 How do you read 14.639 aloud?

- ☐ fourteen point six hundred and thirty-nine
- ☐ fourteen point six three nine
- ☐ fourteen and 639
- ☐ one four point six

Answer: fourteen point six three nine

The whole-number part is read normally; the decimal digits one at a time.

37 A question says “work these out mentally”. What does that ask?

- ☐ Use a calculator
- ☐ Work them out in your head
- ☐ Use a written column method
- ☐ Estimate them

Answer: Work them out in your head

Mentally means without pen or calculator.

38 A question says “order of size, smallest first”. What must you do?

- ☐ Write the numbers as they appear
- ☐ Write them from smallest to largest
- ☐ Write them from largest to smallest
- ☐ Round them all

Answer: Write them from smallest to largest

Smallest first means ascending order.

39 Which digit is in the thousandths place in 5.276?

- ☐ 5
- ☐ 2
- ☐ 7
- ☐ 6

Answer: 6

The places after the point are tenths (2), hundredths (7), thousandths (6).

40 What does “to 2 d.p.” mean?

- ☐ Two digits altogether
- ☐ Two decimal places
- ☐ Two significant figures
- ☐ Divide by 2

Answer: Two decimal places

d.p. is short for decimal places.