

# Class IV maths

## Number sense

1. A.1

Place values

2. A.2

Convert between place values

3. A.3

Word names for numbers

4. A.4

Ordinal numbers to 100th

5. A.5

Rounding

6. A.6

Even or odd: arithmetic rules

7. A.7

Inequalities with number lines

8. A.8

Compare numbers up to five digits

## Addition

1. B.1

Add numbers up to five digits

2. B.2

Add numbers up to five digits: word problems

3. B.3

Addition: fill in the missing digits

4. B.4

Properties of addition

5. B.5

Add three or more numbers up to five digits each

6. B.6

Addition patterns over increasing place values

7. B.7

Choose numbers with a particular sum

8. **B.8**

Estimate sums

9. **B.9**

Estimate sums: word problems

**Subtraction**

1. **C.1**

Subtract numbers up to five digits

2. **C.2**

Subtract numbers up to five digits: word problems

3. **C.3**

Subtraction: fill in the missing digits

4. **C.4**

Subtraction patterns over increasing place values

5. **C.5**

Choose numbers with a particular difference

6. **C.6**

Estimate differences

7. **C.7**

Estimate differences: word problems

**Multiplication**

1. **D.1**

Multiplication facts to 10

2. **D.2**

Multiplication facts up to 10: find the missing factor

3. **D.3**

Compare numbers using multiplication

4. **D.4**

Multiply 1-digit numbers by 2-digit numbers

5. **D.5**

Multiply 1-digit numbers by 3-digit or 4-digit numbers

6. **D.6**

Multiply 1-digit numbers by larger numbers

7. **D.7**

Multiplication patterns over increasing place values

8. **D.8**

Properties of multiplication

9. **D.9**

Estimate products - multiply by 1-digit numbers

**10. D.10**

Estimate products - multiply by larger numbers

**11. D.11**

Estimate products: word problems

**12. D.12**

Box multiplication

**13. D.13**

Lattice multiplication

**14. D.14**

Multiply a two-digit number by a two-digit number: complete the missing steps

**15. D.15**

Multiply a two-digit number by a two-digit number

**16. D.16**

Multiply a two-digit number by a two-digit number: word problems

**17. D.17**

Choose numbers with a particular product

**18. D.18**

Multiply a two-digit number by a three-digit number: complete the missing steps

**19. D.19**

Multiply a two-digit number by a three-digit number

**20. D.20**

Multiply a two-digit number by a three-digit number: word problems

**21. D.21**

Multiply numbers ending in zeroes

**22. D.22**

Multiply numbers ending in zeroes: word problems

**23. D.23**

Multiply three numbers

**Division**

**1. E.1**

Division facts to 10

**2. E.2**

Division facts to 10: word problems

**3. E.3**

Properties of division

**4. E.4**

Divide larger numbers

5. E.5

Divide larger numbers: word problems

6. E.6

Complete the division table

7. E.7

Interpret remainders

8. E.8

Choose numbers with a particular quotient

9. E.9

Divide numbers ending in zeroes

10. E.10

Estimate quotients: word problems

11. E.11

Divisibility rules

12. E.12

Divisibility rules: word problems

13. E.13

Division patterns over increasing place values

**Mixed operations**

1. F.1

Add, subtract, multiply and divide

2. F.2

Addition, subtraction, multiplication and division word problems

3. F.3

Estimate sums, differences, products and quotients: word problems

4. F.4

Multi-step word problems

5. F.5

Word problems with extra or missing information

6. F.6

Solve word problems using guess-and-check

7. F.7

Choose numbers with a particular sum, difference, product or quotient

8. F.8

Mentally add and subtract numbers ending in zeroes

**Logical reasoning**

1. G.1

Find two numbers based on sum and difference



2. **G.2**

Find two numbers based on sum, difference, product and quotient

3. **G.3**

Find the order

**Data and graphs**

1. **H.1**

Read a table

2. **H.2**

Interpret bar graphs

3. **H.3**

Create bar graphs

4. **H.4**

Interpret line plots

5. **H.5**

Create line plots

6. **H.6**

Frequency charts

7. **H.7**

Interpret stem-and-leaf plots

8. **H.8**

Create stem-and-leaf plots

9. **H.9**

Choose the best type of graph

**Patterns and sequences**

1. **I.1**

Complete an increasing number pattern

2. **I.2**

Complete a geometric number pattern

3. **I.3**

Number patterns: word problems

4. **I.4**

Number patterns: mixed review

**Money**

1. **J.1**

Compare money amounts

2. **J.2**

Round money amounts

3. **J.3**

Add and subtract money amounts

4. J.4

Add, subtract, multiply and divide money amounts

5. J.5

Making change

6. J.6

Price lists

7. J.7

Price lists with multiplication

8. J.8

Unit prices

## Units of measurement

1. K.1

Choose the appropriate metric unit of measure

2. K.2

Compare and convert metric units of length

3. K.3

Compare and convert metric units of mass

4. K.4

Compare and convert metric units of volume

5. K.5

Metric mixed units

## Time

1. L.1

Convert time units

2. L.2

Add and subtract mixed time units

3. L.3

A.M. or P.M.

4. L.4

Elapsed time

5. L.5

Find start and end times: multi-step word problems

6. L.6

Convert between 12-hour and 24-hour time

7. L.7

Transportation schedules - 12-hour time

8. **L.8**

Transportation schedules - 24-hour time

9. **L.9**

Time patterns

**Geometry**

1. **M.1**

Which two-dimensional figure is being described?

2. **M.2**

Identify three-dimensional figures

3. **M.3**

Count vertices, edges and faces

4. **M.4**

Identify faces of three-dimensional figures

5. **M.5**

Which three-dimensional figure is being described?

6. **M.6**

Nets of three-dimensional figures

7. **M.7**

Number of sides in polygons

8. **M.8**

Identify lines of symmetry

9. **M.9**

Rotational symmetry

**Geometric measurement**

1. **N.1**

Perimeter of rectangles

2. **N.2**

Perimeter of polygons

3. **N.3**

Perimeter of rectilinear shapes

4. **N.4**

Perimeter: find the missing side length

5. **N.5**

Use perimeter to determine cost

6. **N.6**

Find the area of figures made of unit squares

7. **N.7**

Select figures with a given area

8. N.8

Select two figures with the same area

9. N.9

Create figures with a given area

10. N.10

Find the area or missing side length of a rectangle

11. N.11

Area and perimeter: word problems

## Fractions

1. O.1

Halves and quarters

2. O.2

Equal parts

3. O.3

Simple fractions: what fraction does the shape show?

4. O.4

Simple fractions: which shape matches the fraction?

5. O.5

Simple fractions: parts of a group

## Probability

1. P.1

Understanding probability

2. P.2

Find the probability

3. P.3

Make predictions

4. P.4

Combinations

# Class IV English

## Reading strategies

## Main idea

1. A.1

Use key details to determine the main idea

2. A.2



Determine the main idea of a passage

3. A.3

Combine main ideas from two texts

### Theme

1. B.1

Determine the themes of myths, fables and folktales

### Author's purpose

1. C.1

Identify the purpose of a text

### Text structure

1. D.1

Determine the order of events in informational texts

2. D.2

Compare and contrast in informational texts

3. D.3

Match causes and effects in informational texts

4. D.4

Match problems with their solutions

5. D.5

Identify text structures

### Sensory details

1. E.1

Sort sensory details

### Literary devices

1. F.1

Identify similes and metaphors

2. F.2

Determine the meanings of similes and metaphors

3. F.3

Analyse the effects of figures of speech on meaning and tone

### Point of view

1. G.1

Distinguish characters' points of view

### Inference

1. H.1

Use actions and dialogue to understand characters

2. H.2

Compare and contrast characters

3. **H.3**

Draw inferences from a text

4. **H.4**

Make predictions about a story

**Story elements**

1. **I.1**

Identify story elements

**Visual elements**

1. **J.1**

Compare mythological illustrations

**Literary texts: level 1**

1. **K.1**

Read fantasy with illustrations

2. **K.2**

Read realistic fiction with illustrations

3. **K.3**

Read science fiction with illustrations

**Literary texts: level 2**

1. **L.1**

Read realistic fiction

2. **L.2**

Read historical fiction

3. **L.3**

Read poetry

4. **L.4**

Read drama

**Informational texts: level 1**

1. **M.1**

Read about animals

2. **M.2**

Read about art, music and traditions

3. **M.3**

Read about famous places

4. **M.4**

Read about sports and hobbies

**Informational texts: level 2**

1. N.1

Read about famous people

2. N.2

Read about business and technology

3. N.3

Read about science and nature

4. N.4

Read about history

## Writing strategies

### Organising writing

1. O.1

Put the sentences in order

2. O.2

Order items from most general to most specific

3. O.3

Organise information by main idea

4. O.4

Remove the sentence that does not belong

### Introductions and conclusions

1. P.1

Choose the best topic sentence

2. P.2

Choose the best concluding sentence

### Linking words

1. Q.1

Identify time-order words

2. Q.2

Use coordinating conjunctions

3. Q.3

Use subordinating conjunctions

4. Q.4

Choose the best transition

### Developing and supporting arguments

1. R.1

Distinguish facts from opinions

2. R.2

Identify an author's statement of opinion

3. R.3

Choose reasons to support an opinion

4. R.4

Identify supporting details in literary texts

5. R.5

Identify supporting details in informational texts

6. R.6

Identify and correct plagiarism

### Descriptive details

1. S.1

Show character emotions and traits

2. S.2

Revise the sentence using a stronger verb

## Vocabulary

### Prefixes and suffixes

1. T.1

Identify base words, prefixes and suffixes

2. T.2

Determine the meaning of a word with pre-, re- or mis-

3. T.3

Use the prefixes pre-, re- and mis-

4. T.4

Determine the meaning of a word with -ful or -less

5. T.5

Determine the meaning of a word with -ly or -ness

6. T.6

Determine the meaning of a word with -able or -ment

7. T.7

Determine the meaning of a word with a suffix: review

8. T.8

Determine the meanings of words with prefixes and suffixes: review

### Greek and Latin roots

1. U.1

Sort words by shared Greek or Latin roots

2. U.2

Use Greek and Latin roots as clues to the meanings of words

3. U.3



Use the meanings of words as clues to the meanings of Greek and Latin roots

4. U.4

Determine the meanings of Greek and Latin roots

5. U.5

Determine the meanings of words with Greek and Latin roots

6. U.6

Match words with Greek and Latin roots to their meanings

## Compound words

1. V.1

Form compound words

2. V.2

Form and use compound words

## Categories

1. W.1

Select the members of a group

2. W.2

Select the words that don't belong

## Synonyms and antonyms

1. X.1

Choose the synonym

2. X.2

Which sentence has the same meaning?

3. X.3

Find synonyms in context

4. X.4

Choose the antonym

5. X.5

Which sentence uses an antonym?

6. X.6

Find antonyms in context

## Homophones

1. Y.1

Homophones with pictures

2. Y.2

Identify homophones

3. Y.3

Use the correct homophone

## Multiple-meaning words

### 1. Z.1

Which definition matches the sentence?

### 2. Z.2

Which sentence matches the definition?

## Shades of meaning

### 1. AA.1

Describe the difference between related words

### 2. AA.2

Positive and negative connotation

## Context clues

### 1. BB.1

Find words using context

### 2. BB.2

Determine the meaning of words using synonyms in context

### 3. BB.3

Use context to identify the meaning of a word

### 4. BB.4

Determine the meaning of domain-specific words with pictures

## Reference skills

### 1. CC.1

Order alphabetically based on the first letter

### 2. CC.2

Order alphabetically based on the first two letters

### 3. CC.3

Order alphabetically based on the first three letters

### 4. CC.4

Order alphabetically: challenge

### 5. CC.5

Use guide words

### 6. CC.6

Use dictionary entries

### 7. CC.7

Use dictionary definitions

### 8. CC.8

Use thesaurus entries

## Grammar and mechanics

## Sentences, fragments and run-ons

### 1. DD.1

Is the sentence declarative, interrogative, imperative or exclamatory?

### 2. DD.2

Identify the complete subject of a sentence

### 3. DD.3

Identify the complete predicate of a sentence

### 4. DD.4

Identify the simple subject or predicate of a sentence

### 5. DD.5

Is it a complete sentence or a fragment?

### 6. DD.6

Is it a complete sentence or a run-on?

### 7. DD.7

Is it a complete sentence, a fragment or a run-on?

### 8. DD.8

Is the sentence simple or compound?

### 9. DD.9

Order the words to create a sentence

## Nouns

### 1. EE.1

Which word is a noun?

### 2. EE.2

Identify nouns

### 3. EE.3

Identify nouns – with abstract nouns

### 4. EE.4

Identify common and proper nouns

### 5. EE.5

Form regular plurals with -s, -es and -ies

### 6. EE.6

Use regular plurals with -s, -es and -ies

### 7. EE.7

Form regular plurals with -s, -es, -ies and -ves

### 8. EE.8

Use regular plurals with -s, -es, -ies and -ves

### 9. EE.9

Is the noun singular or plural?

10. EE.10

Form and use irregular plurals

11. EE.11

Identify plurals, singular possessives and plural possessives

12. EE.12

Form the singular or plural possessive

13. EE.13

Identify and correct errors with plural and possessive nouns

**Pronouns**

1. FF.1

Identify personal pronouns

2. FF.2

Choose between subject and object personal pronouns

3. FF.3

Replace the noun with a personal pronoun

4. FF.4

Compound subjects and objects with 'I' and 'me'

5. FF.5

Identify possessive pronouns

6. FF.6

Use possessive pronouns

7. FF.7

Choose between personal and reflexive pronouns

8. FF.8

Use reflexive pronouns

9. FF.9

Identify relative pronouns

10. FF.10

Use relative pronouns: who and whom

11. FF.11

Use relative pronouns: who, whom, whose, which and that

**Verb types**

1. GG.1

Use action verbs

2. GG.2

Identify action verbs

3. GG.3



Identify main verbs and helping verbs

4. **GG.4**

What does the modal verb show?

5. **GG.5**

Use the correct modal verb

## Subject-verb agreement

1. **HH.1**

Is the subject singular or plural?

2. **HH.2**

Use the correct subject or verb

3. **HH.3**

Pronoun-verb agreement

4. **HH.4**

Use the correct subject or verb – with compound subjects

## Verb tense

1. **II.1**

Which sentence is in the regular past tense?

2. **II.2**

Identify verbs in the regular past tense

3. **II.3**

Form and use the regular past tense

4. **II.4**

Identify the irregular past tense

5. **II.5**

Form and use the irregular past tense: set 1

6. **II.6**

Form and use the irregular past tense: set 2

7. **II.7**

Form and use the irregular past tense: set 3

8. **II.8**

Form and use the irregular past tense: set 4

9. **II.9**

To be: use the correct form

10. **II.10**

To have: use the correct form

11. **II.11**

Is the sentence in the past, present or future tense?

12. **II.12**

Change the sentence to future tense

13. II.13

Use the progressive verb tenses

14. II.14

Form the progressive verb tenses

15. II.15

Choose between the past tense and past participle

16. II.16

Use the perfect verb tenses

17. II.17

Form the perfect verb tenses

### Articles

1. JJ.1

Use the correct article: a or an

2. JJ.2

Use the correct article: a, an or the

3. JJ.3

Identify articles

### Adjectives and adverbs

1. KK.1

Does the adjective tell you what kind or how many?

2. KK.2

Identify the adjective that describes the noun

3. KK.3

Identify adjectives

4. KK.4

Order adjectives

5. KK.5

Does the adverb tell you how, when or where?

6. KK.6

Identify adverbs

7. KK.7

Use relative adverbs

8. KK.8

Choose between adjectives and adverbs

9. KK.9

Is the word an adjective or adverb?

**10. KK.10**

Use adverbs to compare

**11. KK.11**

Spell adjectives that compare

**12. KK.12**

Use adjectives with more and most

**13. KK.13**

Use adjectives to compare

**Prepositions**

**1. LL.1**

Identify prepositions

**2. LL.2**

Identify prepositions and their objects

**3. LL.3**

Identify prepositional phrases

**4. LL.4**

Prepositions: review

**Conjunctions**

**1. MM.1**

Identify coordinating conjunctions

**2. MM.2**

Identify subordinating conjunctions

**Contractions**

**1. NN.1**

Pronoun-verb contractions

**2. NN.2**

Contractions with 'not'

**Commas**

**1. OO.1**

Commas with direct addresses and after introductory words

**Capitalisation**

**1. PP.1**

Capitalising the names of people and pets and titles of respect

**2. PP.2**

Capitalising days, months and holidays

**3. PP.3**

Capitalising the names of places and geographic features

4. PP.4

Capitalising proper adjectives, nationalities and languages

**Formatting**

1. QQ.1

Greetings and closings of letters

2. QQ.2

Capitalising titles

3. QQ.3

Formatting titles

4. QQ.4

Formatting and capitalising titles

