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Year 2 maths

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1

Counting and number patterns

- A.1** Counting review - up to 10
- A.2** Count to fill a ten frame
- A.3** Counting review - up to 20
- A.4** Count on ten frames - up to 40
- A.5** Counting by tens - up to 100
- A.6** Counting - up to 100
- A.7** Counting forward and backward
- A.8** Number lines - up to 100
- A.9** Counting on the hundred chart
- A.10** Hundred chart
- A.11** Even or odd
- A.12** Identify numbers as even or odd
- A.13** Even or odd numbers on number lines
- A.14** Which even or odd number comes before or after?
- A.15** Counting by twos, fives and tens with pictures
- A.16** Counting by twos, fives and tens
- A.17** Skip-counting by 2, 3, 5 and 10 - with tables
- A.18** Sequences - count up and down by 1, 2, 3, 5 and 10
- A.19** Sequences - count up and down by 100
- A.20** Ordinal numbers
- A.21** Convert words to digits
- A.22** Convert digits to words
- A.23** Write digits given words
- A.24** Write words given digits
- A.25** Convert between digits and words - mixed review
- A.26** Roman numerals I, V, X

Place values

- B.1** Counting tens and ones - up to 30
- B.2** Counting tens and ones - up to 99
- B.3** Place value models - tens and ones
- B.4** Identify a digit - tens and ones
- B.5** Place value - tens and ones
- B.6** Convert to/from a number - tens and ones

2

Subtraction skill builders

- H.1** Subtracting 1
- H.2** Subtracting 2
- H.3** Subtracting 3
- H.4** Subtracting 4
- H.5** Subtracting 5
- H.6** Subtracting 6
- H.7** Subtracting 7
- H.8** Subtracting 8
- H.9** Subtracting 9
- H.10** Subtracting 0

Subtraction

- I.1** Subtraction facts - numbers up to 10
- I.2** Ways to make a number - subtraction sentences
- I.3** Ways to subtract from a number - subtraction sentences
- I.4** Make a number using subtraction - numbers up to 10
- I.5** Complete the subtraction sentence - numbers up to 10
- I.6** Subtraction word problems - numbers up to 10
- I.7** Subtraction sentences for word problems - numbers up to 10
- I.8** Subtraction facts - numbers up to 20
- I.9** Subtraction sentences using number lines - numbers up to 20
- I.10** Subtraction word problems - numbers up to 20
- I.11** Subtraction sentences for word problems - numbers up to 20
- I.12** Make a number using subtraction - numbers up to 20
- I.13** Complete the subtraction sentence - numbers up to 20
- I.14** Subtraction sentences: true or false?
- I.15** Subtract a one-digit number from a two-digit number - without regrouping
- I.16** Subtract a one-digit number from a two-digit number - with regrouping
- I.17** Subtract two two-digit numbers - without regrouping
- I.18** Subtract two two-digit numbers - with regrouping
- I.19** Subtraction word problems - up to two digits

Fractions

- R.1** Equal parts
- R.2** Halves and quarters
- R.3** Halves, thirds and quarters
- R.4** Halves, thirds and quarters: what fraction does the shape show?
- R.5** Halves, thirds and quarters: which shape matches the fraction?
- R.6** Halves, thirds and quarters: parts of a group
- R.7** Halves, thirds and quarters of number lines
- R.8** Halves, thirds and quarters of a whole: modelling word problems
- R.9** Halves, thirds and quarters of a whole: word problems
- R.10** Fractions up to tenths: what fraction does the shape show?
- R.11** Fractions up to tenths: which shape matches the fraction?
- R.12** Fractions up to tenths: parts of a group
- R.13** Fractions up to tenths: word problems
- R.14** Fractions of a whole up to tenths: modelling word problems
- R.15** Fractions of a whole up to tenths: word problems
- R.16** Compare fractions

Two-dimensional shapes

- S.1** Name the two-dimensional shape
- S.2** Select two-dimensional shapes
- S.3** Count sides and vertices
- S.4** Compare sides and vertices
- S.5** Equal sides
- S.6** Open and closed shapes
- S.7** Symmetry
- S.8** Compose two-dimensional shapes

Three-dimensional shapes

- T.1** Two-dimensional and three-dimensional shapes
- T.2** Name the three-dimensional shape
- T.3** Select three-dimensional shapes
- T.4** Count vertices, edges and faces

Understand addition

- C.1** Adding zero
- C.2** Add with pictures - sums up to 10
- C.3** Addition sentences up to 10: which model matches?
- C.4** Addition sentences up to 10: what does the model show?
- C.5** Addition sentences using number lines - sums up to 10
- C.6** Turn words into an addition sentence - sums up to 10
- C.7** Add with pictures - sums up to 20
- C.8** Addition sentences up to 20: what does the model show?
- C.9** Addition sentences up to 100: what does the model show?

Addition skill builders

- D.1** Adding 1
- D.2** Adding 2
- D.3** Adding 3
- D.4** Adding 4
- D.5** Adding 5
- D.6** Adding 6
- D.7** Adding 7
- D.8** Adding 8
- D.9** Adding 9
- D.10** Adding 0

Addition

- E.1** Addition facts - sums up to 10
- E.2** Make a number using addition - sums up to 10
- E.3** Ways to make a number - addition sentences
- E.4** Complete the addition sentence - sums up to 10
- E.5** Addition word problems - sums up to 10
- E.6** Addition sentences for word problems - sums up to 10
- E.7** Addition sentences using number lines - sums up to 20
- E.8** Addition facts - sums up to 20
- E.9** Make a number using addition - sums up to 20
- E.10** Complete the addition sentence - sums up to 20
- E.11** Addition word problems - sums up to 20
- E.12** Addition sentences for word problems - sums up to 20
- E.13** Addition sentences: true or false?
- E.14** Use models to add a two-digit and a one-digit number - without regrouping
- E.15** Add a two-digit and a one-digit number - without regrouping
- E.16** Regroup tens and ones - ways to make a number
- E.17** Regroup tens and ones
- E.18** Use models to add a two-digit and a one-digit number - with regrouping
- E.19** Add a two-digit and a one-digit number - with regrouping
- E.20** Use models to add two two-

- I.20** Related subtraction facts

Subtraction strategies

- J.1** Relate addition and subtraction sentences
- J.2** Subtract doubles
- J.3** Subtract multiples of 10
- J.4** Subtract a multiple of 10

Understand multiplication

- K.1** Count equal groups
- K.2** Identify multiplication expressions for equal groups
- K.3** Write multiplication sentences for equal groups
- K.4** Relate addition and multiplication for equal groups
- K.5** Identify multiplication expressions for arrays
- K.6** Write multiplication sentences for arrays
- K.7** Make arrays to model multiplication
- K.8** Write multiplication sentences for number lines

Multiplication

- L.1** Multiply by 2
- L.2** Multiply by 3
- L.3** Multiply by 4
- L.4** Multiply by 5
- L.5** Multiplication tables up to 5
- L.6** Multiply by 10
- L.7** Multiplication facts for 2, 5, 10
- L.8** Multiplication facts for 2, 5, 10: true or false?
- L.9** Multiplication facts for 2, 5, 10: find the missing factor
- L.10** Multiplication word problems

Understand division

- M.1** Divide by counting equal groups
- M.2** Write division sentences for equal groups
- M.3** Relate multiplication and division for equal groups
- M.4** Write division sentences for arrays
- M.5** Relate multiplication and division for arrays

Division

- N.1** Divide by 2
- N.2** Divide by 3
- N.3** Divide by 4
- N.4** Divide by 5
- N.5** Divisors and quotients up to 5
- N.6** Divide by 10
- N.7** Division facts for 2, 5, 10
- N.8** Division facts for 2, 5, 10: true or false?
- N.9** Division word problems

Mixed operations

- O.1** Addition and subtraction - ways

- T.5** Compare vertices, edges and faces
- T.6** Identify shapes traced from solids
- T.7** Identify faces of three-dimensional shapes
- T.8** Shapes of everyday objects I
- T.9** Shapes of everyday objects II

Spatial sense

- U.1** Left, middle and right
- U.2** Top, middle and bottom
- U.3** Location in a grid
- U.4** Above and below
- U.5** Beside and next to
- U.6** Flip, turn and slide
- U.7** Fractions of a turn

Data and graphs

- V.1** Which tally chart is correct?
- V.2** Interpret tally charts
- V.3** Which table is correct?
- V.4** Interpret data in tables
- V.5** Interpret pictograms I
- V.6** Interpret pictograms II
- V.7** Create pictograms I
- V.8** Create pictograms II
- V.9** Interpret bar graphs
- V.10** Which bar graph is correct?
- V.11** Create bar graphs

Measurement

- W.1** Long and short
- W.2** Tall and short
- W.3** Light and heavy
- W.4** Holds more or less
- W.5** Compare size, weight and capacity
- W.6** Measure using objects
- W.7** Read a thermometer
- W.8** Measure using a centimetre ruler
- W.9** Which metric unit of length is appropriate?
- W.10** Metric units of length: word problems
- W.11** Which metric unit of mass is appropriate?
- W.12** Which metric unit of volume is appropriate?
- W.13** Metric units of mass and volume: word problems

Money

- X.1** Coin values
- X.2** Count 1p, 2p, 5p and 10p coins
- X.3** Count all coins
- X.4** Count coins and notes - up to £20 note
- X.5** Equivalent groups of coins
- X.6** Exchanging coins
- X.7** Money - word problems
- X.8** Least number of coins
- X.9** Purchases up to £1: do you have enough money?

- Use models to add two two-digit numbers - without regrouping
- E.21** Add two two-digit numbers - without regrouping
- E.22** Use models to add two two-digit numbers - with regrouping
- E.23** Add two two-digit numbers - with regrouping
- E.24** Addition word problems - up to two digits
- E.25** Related addition facts

Addition strategies

- F.1** Add doubles with models
- F.2** Add doubles
- F.3** Add doubles - complete the sentence
- F.4** Add using doubles plus one
- F.5** Add using doubles minus one
- F.6** Add three numbers - use doubles
- F.7** Complete the addition sentence - make ten
- F.8** Add three numbers - make ten
- F.9** Make ten to add
- F.10** Add three numbers
- F.11** Add three numbers - word problems
- F.12** Use models to add a multiple of ten and a one-digit number
- F.13** Add a multiple of ten and a one-digit number
- F.14** Add two multiples of ten
- F.15** Use models to add a multiple of ten and a two-digit number
- F.16** Add a multiple of ten and a two-digit number
- F.17** Use compensation to add

Understand subtraction

- G.1** Subtract zero and all
- G.2** Subtract with pictures - numbers up to 10
- G.3** Subtraction sentences up to 10: which model matches?
- G.4** Subtraction sentences up to 10: what does the model show?
- G.5** Subtraction sentences using number lines - numbers up to 10
- G.6** Turn words into a subtraction sentence - numbers up to 10
- G.7** Subtract with pictures - numbers up to 20
- G.8** Subtraction sentences up to 20: what does the model show?
- G.9** Subtraction sentences up to 100: what does the model show?

- O.1** Addition and subtraction - ways to make a number
- O.2** Which sign makes the number sentence true?
- O.3** Fact families
- O.4** Addition and subtraction facts - numbers up to 10
- O.5** Addition and subtraction facts - numbers up to 20
- O.6** Addition and subtraction word problems - numbers up to 20
- O.7** Ten more or less
- O.8** Add and subtract tens
- O.9** Add and subtract numbers up to 100
- O.10** Addition and subtraction word problems - numbers up to 100
- O.11** Two-step addition and subtraction word problems - numbers up to 100
- O.12** Addition and subtraction terms
- O.13** Multiplication and division facts with 2, 5 and 10
- O.14** Multiplication and division facts with 2, 5 and 10: true or false?
- O.15** Multiplication and division facts up to 5
- O.16** Multiplication and division terms

Comparing

- P.1** Comparing - review
- P.2** Compare numbers up to 10 using words
- P.3** Compare numbers up to 10 using symbols
- P.4** Compare numbers up to 100 using words
- P.5** Compare numbers up to 100 using symbols
- P.6** Comparison word problems

Estimation

- Q.1** Estimate to the nearest ten

- X.10** Purchases up to £10: do you have enough money?
- X.11** Compare money amounts
- X.12** Making change

Patterns

- Y.1** Introduction to patterns
- Y.2** Find the next shape in a pattern
- Y.3** Complete a pattern
- Y.4** Make a pattern
- Y.5** Growing patterns
- Y.6** Find the next shape in a growing pattern
- Y.7** Find the next row in a growing pattern

Probability

- Z.1** More, less and equally likely
- Z.2** Certain, probable, unlikely and impossible

Sorting, ordering and classifying

- AA.1** Classify and sort by shape
- AA.2** Classify, sort and count
- AA.3** Count shapes in a Venn diagram
- AA.4** Sort shapes into a Venn diagram
- AA.5** Put numbers in order

Time

- BB.1** Match digital clocks and times I
- BB.2** Match digital clocks and times II
- BB.3** Match analogue clocks and times I
- BB.4** Match analogue clocks and times II
- BB.5** Match analogue and digital clocks I
- BB.6** Match analogue and digital clocks II
- BB.7** Read clocks and write times I
- BB.8** Read clocks and write times II
- BB.9** Time words: o'clock, half, quarter
- BB.10** A.M. or P.M.
- BB.11** Times of everyday events
- BB.12** Compare clocks I
- BB.13** Compare clocks II
- BB.14** Time and clocks: word problems
- BB.15** Elapsed time I
- BB.16** Elapsed time II
- BB.17** Seasons of the year
- BB.18** Days of the week
- BB.19** Months of the year
- BB.20** Read a calendar
- BB.21** Reading schedules

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