

Maths

I know there are lots of online websites but this website is very useful as it links the skills - (ie.ixl.com) and it can be used to challenge a student, to reinforce learning of mathematical skills or as a form of revision.

Here is a list of the maths skills students learn .These skills are organised into categories, and you can move your mouse over any skill name to preview the skill. To start practising, just click on any link. IXL will track your score, and the questions will automatically increase in difficulty as you improve!

Counting and number patterns

1. A.1

[Counting review - up to 10](#)

2. A.2

[Count to fill a ten frame](#)

3. A.3

[Counting review - up to 20](#)

4. A.4

[Counting tens and units - up to 30](#)

5. A.5

[Count on ten frames - up to 40](#)

6. A.6

[Counting - up to 100](#)

7. A.7

[Counting tens and units - up to 99](#)

8. A.8

[Counting by twos, fives and tens with pictures](#)

9. A.9

Counting by twos, fives and tens

10. A.10

Counting forward and backward

11. A.11

Number lines - up to 100

12. A.12

Counting on the hundred chart

13. A.13

Hundred chart

14. A.14

Number lines - up to 1,000

15. A.15

Even or odd

16. A.16

Identify numbers as even or odd

17. A.17

Even or odd numbers on number lines

18. A.18

Which even or odd number comes before or after?

19. A.19

Skip-counting patterns - with tables

20. A.20

Sequences - count up and down by 1, 2, 3, 5 and 10

21. A.21

Sequences - count up and down by 100

22. A.22

Ordinal numbers

23. A.23

Writing numbers in words

24. A.24

Roman numerals I, V, X

Understand addition

1. B.1

Add with pictures - sums up to 10

2. B.2

Addition sentences - sums up to 10

3. B.3

Addition sentences using number lines - sums up to 10

4. B.4

Adding zero

Addition skill builders

1. C.1

Adding 1

2. C.2

Adding 2

3. C.3

Adding 3

4. C.4

Adding 4

5. C.5

[Adding 5](#)

6. C.6

[Adding 6](#)

7. C.7

[Adding 7](#)

8. C.8

[Adding 8](#)

9. C.9

[Adding 9](#)

10. C.10

[Adding 0](#)

Addition

1. D.1

[Addition facts - sums up to 10](#)

2. D.2

[Ways to make a number - addition sentences](#)

3. D.3

[Make a number using addition - sums up to 10](#)

4. D.4

[Complete the addition sentence - sums up to 10](#)

5. D.5

[Addition word problems - sums up to 10](#)

6. D.6

[Addition sentences for word problems - sums up to 10](#)

7. D.7

Addition facts - sums up to 18

8. D.8

Addition sentences using number lines - sums up to 18

9. D.9

Addition word problems - sums up to 18

10. D.10

Addition sentences for word problems - sums up to 18

11. D.11

Addition facts - sums up to 20

12. D.12

Make a number using addition - sums up to 20

13. D.13

Addition sentences for word problems - sums up to 20

14. D.14

Related addition facts

15. D.15

Addition sentences: true or false?

16. D.16

Add a one-digit number to a two-digit number - without regrouping

17. D.17

Add a one-digit number to a two-digit number - with regrouping

18. D.18

Add two two-digit numbers - without regrouping

19. D.19

Add two two-digit numbers - with regrouping

20. D.20

Addition word problems - up to two digits

Addition strategies

1. E.1

Add doubles

2. E.2

Add using doubles plus one

3. E.3

Add using doubles minus one

4. E.4

Add three numbers - use doubles

5. E.5

Complete the addition sentence - make ten

6. E.6

Add three numbers - make ten

7. E.7

Add two multiples of ten

8. E.8

Add a multiple of ten

9. E.9

Add three numbers

10. E.10

Add three numbers - word problems

Understand subtraction

1. F.1

Subtract with pictures - numbers up to 10

2. F.2

Subtraction sentences - numbers up to 10

3. F.3

Subtraction sentences using number lines - numbers up to 10

4. F.4

Subtract zero and all

Subtraction skill builders

1. G.1

Subtracting 1

2. G.2

Subtracting 2

3. G.3

Subtracting 3

4. G.4

Subtracting 4

5. G.5

Subtracting 5

6. G.6

Subtracting 6

7. G.7

Subtracting 7

8. G.8

Subtracting 8

9. G.9

Subtracting 9

10. G.10

Subtracting 0

Subtraction

1. H.1

Subtraction facts - numbers up to 10

2. H.2

Ways to make a number - subtraction sentences

3. H.3

Ways to subtract from a number - subtraction sentences

4. H.4

Make a number using subtraction - numbers up to 10

5. H.5

Complete the subtraction sentence

6. H.6

Subtraction word problems - numbers up to 10

7. H.7

Subtraction sentences for word problems - numbers up to 10

8. H.8

Subtraction facts - numbers up to 18

9. H.9

Subtraction sentences using number lines - numbers up to 18

10. H.10

Subtraction word problems - numbers up to 18

11. H.11

Subtraction sentences for word problems - numbers up to 18

12. H.12

Make a number using subtraction - numbers up to 20

13. H.13

Related subtraction facts

14. H.14

Subtraction sentences: true or false?

15. H.15

Subtract a one-digit number from a two-digit number - without regrouping

16. H.16

Subtract a one-digit number from a two-digit number - with regrouping

17. H.17

Subtract two two-digit numbers - without regrouping

18. H.18

Subtract two two-digit numbers - with regrouping

19. H.19

Subtraction word problems - up to two digits

Subtraction strategies

1. I.1

Relate addition and subtraction sentences

2. I.2

Subtract doubles

3. I.3

Subtract multiples of 10

4. I.4

Subtract a multiple of 10

Comparing

1. J.1

Comparing - review

2. J.2

Comparing numbers up to 10

3. J.3

Comparing numbers up to 100

4. J.4

Comparing numbers up to 1000

5. J.5

Comparison word problems

Estimation

1. K.1

Estimate to the nearest ten

Fractions

1. L.1

Halves, thirds and quarters

2. L.2

Equal parts

3. L.3

Simple fractions: what fraction does the shape show?

4. L.4

Simple fractions: which shape matches the fraction?

5. L.5

Simple fractions: parts of a group

6. L.6

Fractions - word problems

7. L.7

Compare fractions

Two-dimensional shapes

1. M.1

Name the two-dimensional shape

2. M.2

Select two-dimensional shapes

3. M.3

Count sides and vertices

4. M.4

Compare sides and vertices

5. M.5

Open and closed shapes

6. M.6

Flip, turn and slide

7. M.7

Symmetry

Three-dimensional shapes

1. N.1

Two-dimensional and three-dimensional shapes

2. N.2

Name the three-dimensional shape

3. N.3

Cubes and rectangular prisms

4. N.4

Select three-dimensional shapes

5. N.5

Count vertices, edges and faces

6. N.6

Compare vertices, edges and faces

7. N.7

Identify shapes traced from solids

8. N.8

Identify faces of three-dimensional shapes

9. N.9

Shapes of everyday objects I

10. N.10

Shapes of everyday objects II

Spatial sense

1. O.1

Above and below

2. O.2

Beside and next to

3. O.3

Left, middle and right

4. O.4

Top, middle and bottom

5. O.5

Location in a grid

Data and graphs

1. P.1

Which picture graph is correct?

2. P.2

Interpret picture graphs

3. P.3

Which tally chart is correct?

4. P.4

Interpret tally charts

5. P.5

Which table is correct?

6. P.6

Interpret data in tables

7. P.7

Interpret bar graphs

8. P.8

Which bar graph is correct?

Measurement

1. Q.1

Long and short

2. Q.2

Tall and short

3. Q.3

Light and heavy

4. Q.4

Holds more or less

5. Q.5

Compare size, weight and capacity

6. Q.6

Measure using objects

7. Q.7

Read a thermometer

8. Q.8

Measure using a centimetre ruler

9. Q.9

Which metric unit of length is appropriate?

10. Q.10

Metric units of length: word problems

11. Q.11

Which metric unit of mass is appropriate?

Money

1. R.1

Coin values

2. R.2

Count 1c, 2c, 5c and 10c coins

3. R.3

Count all coins

4. R.4

Equivalent groups of coins

5. R.5

Exchanging coins

6. R.6

Money - word problems

7. R.7

Compare money amounts

8. R.8

Least number of coins

9. R.9

Purchases: do you have enough money?

Patterns

1. S.1

Introduction to patterns

2. S.2

Find the next shape in a pattern

3. S.3

Complete a pattern

4. S.4

Make a pattern

5. S.5

Growing patterns

6. S.6

Find the next shape in a growing pattern

7. S.7

Find the next row in a growing pattern

Probability and statistics

1. T.1

More, less and equally likely

2. T.2

Certain, probable, unlikely and impossible

Sorting, ordering and classifying

1. U.1

Sort shapes into a Venn diagram

2. U.2

Count shapes in a Venn diagram

3. U.3

Put numbers in order

Time

1. V.1

Match analogue clocks and times

2. V.2

Match digital clocks and times

3. V.3

Match analogue and digital clocks

4. V.4

Read clocks and write times

5. V.5

A.M. or P.M.

6. V.6

Times of everyday events

7. V.7

Compare clocks

8. V.8

Time and clocks: word problems

9. V.9

Elapsed time I

10. V.10

Elapsed time II

11. V.11

Seasons of the year

12. V.12

Days of the week

13. V.13

Months of the year

14. V.14

Read a calendar

Mixed operations

1. W.1

Addition and subtraction - ways to make a number

2. W.2

Which sign makes the number sentence true?

3. W.3

Fact families

4. W.4

Addition and subtraction facts - numbers up to 10

5. W.5

Addition and subtraction facts - numbers up to 18

6. W.6

Addition and subtraction word problems

7. W.7

Ten more or less

8. W.8

Add and subtract tens

9. W.9

Addition and subtraction terms

Multiplication

1. X.1

Multiplication sentences

2. X.2

Multiplication tables up to 5

3. X.3

Multiplication tables up to 10

Division

1. Y.1

Divisors and quotients up to 5

2. Y.2

Divisors and quotients up to 10