

Supporting your child at home

Year 1

Maths



A guide for parents

Year 1 expectations

By the end of Y1, your child should be fluent with whole numbers and counting

Your child should have a developing knowledge of addition and subtraction using concrete objects and pictorial representations

Your child should be able to count in 2, 5, 10

Your child can describe and compare different quantities such as length, mass and capacity/volume.

Your child is beginning to recognise simple fractions

Your child is beginning to tell the time

Children should read and spell mathematical vocabulary at a level consistent with their increasing word reading and spelling knowledge at key stage 1

Complete:

$3 + \square = 10$

$10 - \square = 3$

$13 + \square = 20$

$20 - \square = 13$

$\square + 5 = 10$

$10 - 5 = \square$

$15 + \square = 20$

$20 - \square = 15$

$\square + \square = 10$

$10 - \square = \square$

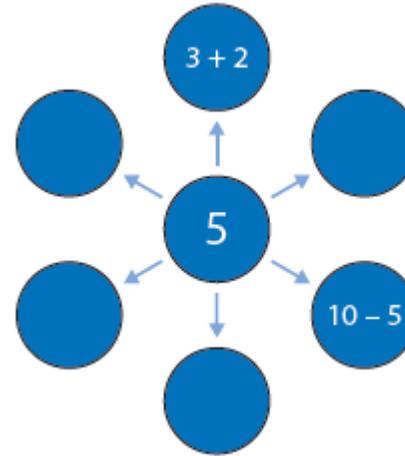
$16 + \square = 20$

$20 - \square = 16$

What do you notice?

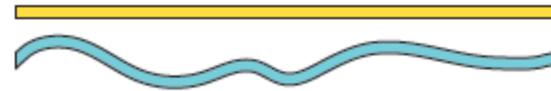
Children may 'know' number pairs totalling ten but are they able to use them to support other calculations? For example, when probed to say, 'if you know $3 + 7 = 10$, what else do you know?' They should reply with answers, such as $13 + 7 = 20$ or $4 + 7 = 11$

If you know one fact, what other facts do you know?
Complete:



Explaining your reasoning...

Which line is longer?



I think that...because...

I chose...because...

Use these openings to support your child in answering questions.

At Home...

play simple counting games such as:

- snakes and ladders
- counting buttons
- choose two dominoes and count the total number of spots

play simple ordering games such as:

- choose ten buttons and order them by size from smallest to largest
- from a pack of cards take out the Jacks, the Queens and the Kings and shuffle up the numbered cards. Choose any ten of them and put them in order

play simple pattern-making games such as:

- with a collection of tiddlywinks make patterns such as 2 red, 1 blue, 2 red 1 blue...
- make patterns out of ten tiddlywinks such as:
play simple sorting games such as: sorting a collection of buttons, shells or leaves by colour or by size



Food!

- Can you cut your toast into 4 pieces? Can you cut it into triangles?
- Setting the table. Counting the right number of plates etc. How many more do we need?
- Can you make shapes/ patterns out of the knives and forks. Can you put them in the right place in the drawers?
- Helping with the cooking by measuring and counting ingredients.

- Setting the timer.
- Positional language at dinner time: what is on the rice, where are the carrots etc?



Doing the washing

- Counting in 2s – matching shoes
- Sorting by colour and size.
- Matching/pairing up socks.
- Find four shoes that are different sizes. Can you put them in order.

On a car journey/walking...

- Recognising bus numbers
- Number plate hunt. Who can find a 7? Add the numbers up.
- Comparing door numbers
- Counting – how many lampposts on the way to school?



Time

- What day is it yesterday, today, tomorrow?
- Use timers, phones and clocks to measure short periods of time.
- Count down 10/ 20 seconds to get to the table/ into bed etc.
- Recognising numbers on the clock. If you cover a number, what number was missing?

Going shopping

- Reading price tags
- Counting items into the basket
- Finding and counting coins
- Comparing weights – which is heavier

Measuring

- Are you taller than a ...?
- Marking height on the wall.
- Cut hand shapes out of paper. How many hands long is the couch? How long is the table? Which is longer?
- Who has the biggest hands in our family?
- How many steps from the gate to the front door?

Shapes

- Cut a potato into shapes (circles, triangle etc). Use with paint to make pictures and patterns.
- Cut out shapes from coloured paper/ newspaper and arrange into pictures.
- Shape hunt: Can you find a square in your house (windows etc), a circle ...