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30 Day Challenge Doubling and Halving



Day 1 Challenge



Number Plate Game



Choose a starting number and see who will be first to spot a car that has a number that is double or half. How high/low can you go?



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Day 2 Challenge



Paper Halves



Take a piece of A4 paper. How many times do you think you can fold it in half before it is too difficult to fold?
Try it and see if you were right..



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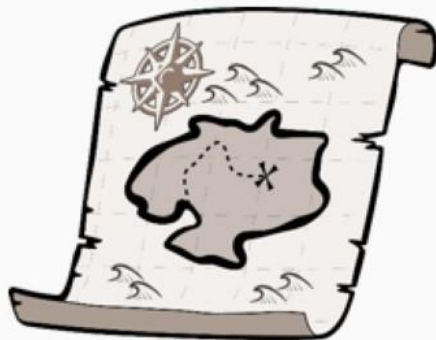
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Day 3 Challenge



Double and Half Hunt



Look out for examples of half and double used in the local community. e.g. double cream, half price, half-time. Do you find more examples of double or half?



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Day 4 Challenge



Are We There Yet?



Challenge each other to find half
of a length, or weight. Check it..
Who was the closest to half-way?



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Day 5 Challenge



Master Chef 1



Can you double or halve the quantities in a recipe. e.g. one cup becomes 2 cups.



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Day 6 Challenge



Shopping Halves



Place some items in a shopping bag. Take items out until you think it is only half the weight.. Check it..



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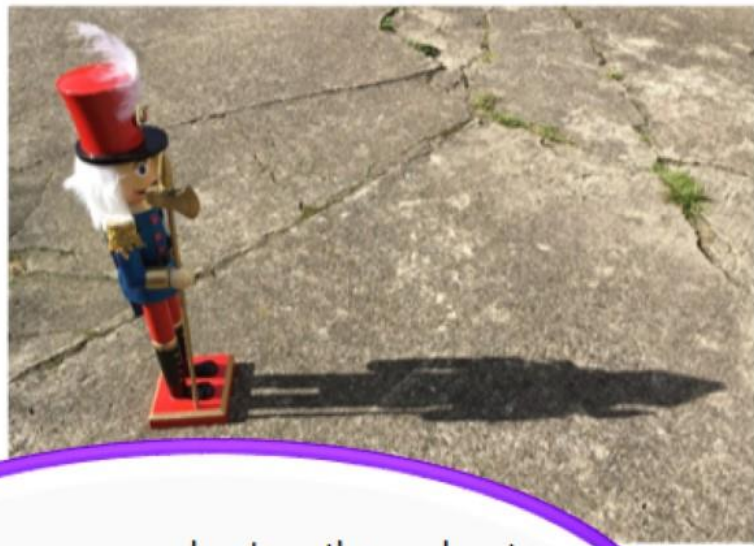
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Day 7 Challenge



Half your Shadow



Measure your shadow throughout the day. Can you find a time of day when your shadow is half your height?



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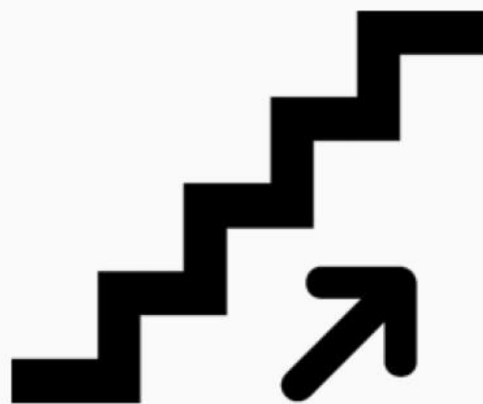
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Day 8 Challenge



Stairmaster



Count in doubles as you climb the stairs and
half the numbers as you walk back down.

e.g.

1 2 4 8 16
16 8 4 2 1



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Day 9 Challenge



Daisy Chains



Make a daisy chain. Can you make a
daisy chain double/half the length?
How many daisies do you need?



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Day 10 Challenge



Car Race



Make a ramp for a toy car. Can you make changes to the ramp so that the car travels double the distance? If you halve the height of the ramp, does the car travel half the distance?



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Day 11 Challenge



Target Practice



Draw 2 target circles on the ground.
Throw beanbags, stones or balls into the
target circles. Score half the number in
the closest circle and double the number
in the furthest circle.



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Day 12 Challenge



Bingo



Play bingo using doubles and halves.
Numbers can be crossed out on the bingo
grid if they are a double or half of the
word called out. e.g. Say 6
Cross out 3 or 12



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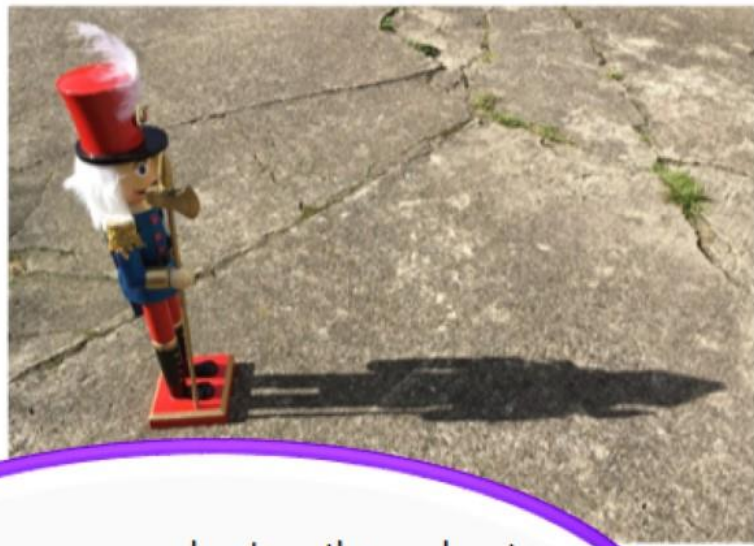
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Day 13 Challenge



Double your shadow



Measure your shadow throughout the day. Can you find a time of day when your shadow is double your height?



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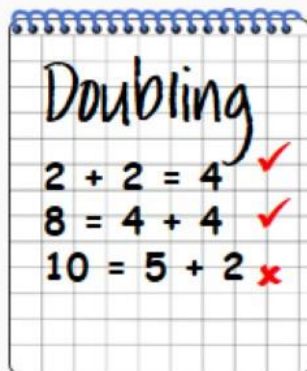
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Day 14 Challenge



Hey Teacher!



Let your child be the teacher and correct
your doubles and halves.



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Day 15 Challenge



Fun in the Tub!



Can children fill containers half full? Discuss if they are half full or half empty.



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Day 16 Challenge



Double it!



Show children an object and challenge them to find something double the length, width, height or weight.



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Day 17 Challenge



Halve it!



Show children an object and challenge them to find something half the length, width, height or weight.



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Day 18 Challenge



Treasure Hunt



Place some 'treasure' you have found in the garden out on the lawn and challenge children to find doubles of each item. Can they do it within 1 minute?



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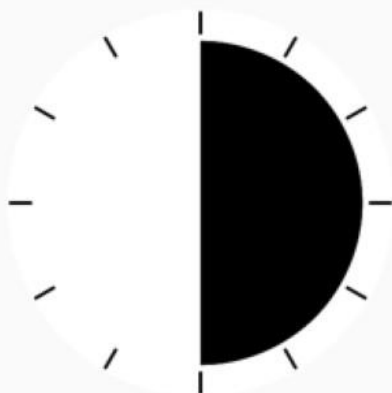
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Day 19 Challenge



Half-time



Do an activity for 1 minute. e.g. hop on one leg. Repeat, trying to guess when you are halfway through. Who is the closest to half-time?



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Day 20 Challenge



Ladybird Hunt



Can you find any ladybirds (real or pictures)? Count the dots on each side. Discuss how each side is half and the two together is double. Can you identify the species by the number of dots?



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Day 21 Challenge



Double or Nothing



Throw and catch a beanbag or ball
for one minute.. Do you
throw and catch double the number
of balls if you
double the time?



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Day 22 Challenge



Finding Half



Put out some sweets and 2 empty bowls.. Estimate half and place half in each bowl. Check it by counting or weighing. Who is the closest to half?



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Day 23 Challenge



Super Server

half
full



half
empty

Can you put half of the biscuits on the plate?

Can you put double the number of
sandwiches on this plate?

Can you fill all the glasses half-full with
squash?



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Day 24 Challenge



Shadow Halves



Measure your shadow. Can you find something that is half the length of your shadow?



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Day 25 Challenge



Shopping Doubles



Place some items in a shopping bag. Get a second bag and add items until you think it is double the weight of the first bag.. Check it..



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Day 26 Challenge



Finding Half



Challenge each other to cut food exactly in half. Check it by sight or weighing. Who is the closest to half?



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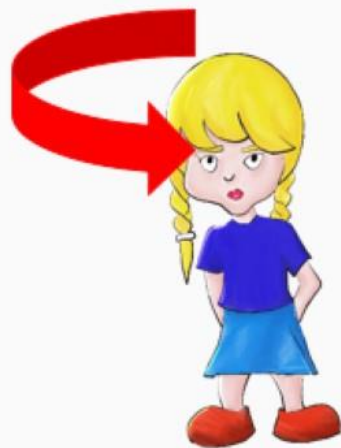
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Day 27 Challenge



Spinning Halves



Close your eyes and get someone to turn you around on the spot. Tell them to stop turning you when you think you are halfway round a turn? How accurate are you?

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Day 28 Challenge



Master Chef 2



Decorate biscuits with icing. Divide each biscuit in half with a line of icing and ice dots in one half. Challenge your child to ice double or half the number of dots in the empty half.



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Day 29 Challenge



Shadow Doubles



Measure your shadow. Can you find something that is double the length of your shadow?



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Day 30 Challenge



Savvy Shopper

**50%
Sale**

How many half-price
bargains can you spot?



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