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Estimation at Home



Find 2 large items in your cupboard. Estimate, and then find, the total weight in g or kg. Estimate and find the difference in weight between the 2 items.

Choose 2 items from your cupboard. Try to choose different sized items. Estimate how many of the lighter item you could fit inside the heavier item. Now calculate this.

Count all the windows in your home. Estimate and find what fraction of your windows are at the front of your home. Challenge: can you write this as a percentage?

What is the average age of people living in your house? Remember to find the average age, you add up all of the ages, then divide by the number of people. Challenge: can you find their average height too?

Pick up a book. Estimate how many pages it has. Check to see how close you were. Challenge: can you find the average number of pages per chapter?

Estimate how long it would take you to walk from the front of your home to the back of your home. Try it out and time yourself to see how close you were.

Choose a piece of furniture in your home. Estimate the height. Now measure it to see how close you were. If you don't have a measuring tape, you could use a ruler. An A4 page is 29.7cm long.

Choose 2 rooms in your home. Use your estimation skills to write the directions (in steps) from one room to the other e.g., forward 8, turn left, forward 10, turn right etc. Now test it out and see how close you were.

Choose 8 items with different weights. Estimate and then calculate the total weight of the items. Challenge: can you find the average weight of the items?



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