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# **INSTRUCTIONS FOR LINE-UPS**

* These are good fun and can be used at the start of a lesson as a recap or at the end of a lesson as a consolidation.
* They create a considerable amount of mathematical discussion amongst the children. Alternatively try doing them in silence – students show each other their card, but no talking is allowed to help them decide their position in the line!
* Give a card to each student; the teacher decides whether the front of the classroom is the smallest number to the back being the largest number; the children have to line up from front of classroom to back in order of their answers
* Line-Ups can be played as a two-team race, as long as teachers give out 2 sets of cards labelled A or B or coloured differently; or Line-Ups can be played against the clock – the class has to try to beat its time on the next occasion. The same set of cards can be used many times, because it is unlikely that children will receive exactly the same card each time.
* Differentiation can be easily achieved, as with all games:
* by giving certain cards to particular children (i.e. more difficult calculations, concepts or wording)
* by having team A using easier cards and team B some harder ones and then racing!
* through the atmosphere in your classroom – students will help each other.
* I like to keep a couple of ‘more difficult’ cards and ask for volunteers to position them once the line is formed e.g. 1.762 and 1.75999 or –1.6 and –1.75…
* Line Ups can be used for many topics in the curriculum, where order is relevant eg whole numbers (written in words or figures), decimals, fractions, negative numbers… try having cards of equivalent fractions and percentages, students have to find their pair and then the pairs stand in order…

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| 50% of 24 | 50% of 47 | 50% of 92 |
| 25% of 24 | 25% of 36 | 25% of 100 |
| 75% of 60 | 75% of 100 | 75% of 24 |
| Half of 37 | Half of 84 | Half of 51 |
| Quarter of 12 | Quarter of 50 | Quarter of 84 |
| Third of 6 | Third of 24 | Third of 30 |
| Half of 64 | Half of 75 | Half of 110 |
| Quarter of 120 | Quarter of 200 | Quarter of 30 |
| Third of 300 | Third of 33 | Third of 153 |
| 0.5 of 140 | 0.5 of 70 | 0.5 of 44 |
| One and a half times  24 | One and a half times  22 | One and a half times  10 | One and a half times  16 |
| 0.1 x 50 | 0.1 x 40 | 0.1 x 10 |