



## Multiplication, Bonds, and Division Drill Game

### Instructions

Numeric's drills are a quick and easy way to incorporate multiplication, bonds, and division practice into your maths lessons. From distribution to marking and collecting, it shouldn't take more than 15 minutes.

#### Instructions:

1. Download drills from [www.numeric.org/learningtools](http://www.numeric.org/learningtools)
2. Each A4 page should be cut in half to create two unique drills for use with the following rules.
3. Drills are available for bonds (addition), multiplication, and division.
4. Each child gets their own drill, face down on their desk.

#### Rules:

1. Everybody starts on Level 5, which means they have 5 minutes to finish the drill. All kids do the same drill on the same day.
2. Each child writes their name and level at the top (e.g. Sinesipho, Level 5)
3. The coach/teacher/mentor starts the timer and the learners start working.
4. Once the time is up, the learners swap sheets, and the coach/teacher/mentor goes through each answer and the learners mark each other's drills.
5. We track the learners' scores and levels in a spreadsheet to check progress over a period of time.
6. If/when a child achieves 50/50, they step up to Level 4, so the next time you run the 5-minute drill, they only get to start doing their sheet after 1 minute has elapsed. Learners who get 50/50 on Level 4 step up to Level 3, meaning they only get 3 minutes, etc.

#### Notes:

1. Make it fun – celebrate the learners who improve from day to day or week to week.
2. Set a goal – for every child that makes it to Level 3 (or any level you choose), they get a prize.
3. Pay attention to how close learners sit to each other, this is an individual test and they may be tempted to peek.
4. If you notice learners “helping” each other when marking, ask them to swap two or three times before starting marking so that the papers end up in much different places than they started and friends are less likely to mark each other's papers.
5. Multiplication and division drills are up to 12 times tables.
6. Bonds drills are for asking a child what number bonds with the given number to get the total, for example  $15 = (13, \underline{\quad})$  and the answer is 2.
7. If distributing or collecting drills takes some time, get the kids involved and let them help you. Either appoint a class helper for the day to do it for your or get the rows to race in distributing and collecting and time them.