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Aspect 5:
I Can Multiply and Divide

NSW Numeracy Continuum, Aspect 5: Multiplication and Division.
(Source: NSW Department of Education & Communities (2010), Numeracy Continuum K – 10.
Available at URL: http://www.numeracycontinuum.com/index.php/continuum-chart.)

(FORMING EQUAL GROUPS)

☐ I can place a given number of objects into equal groups, counting them separately to find the total.

(PERCEPTUAL MULTIPLES)

☐ I can skip count equal groups' items that I can see, to find the total.

☐ I can share a larger number of items I can see into smaller equal groups and then skip count or count them by ones to find the total.

(FIGURATIVE UNITS)

☐ I can count equal groups to skip count to a total in my head by looking at or writing down the number of groups.

(REPEATED ABSTRACT UNITS)

☐ I can use forward skip counting in my head to multiply a number by a given number of times to calculate the total.

☐ I can use backward skip counting in my head to divide a number into equal groups and so find how many groups in total.

(MULTIPLICATION AND DIVISION AS OPERATIONS)

☐ I can use multiplication number facts to calculate the product of two numbers.

☐ I can use inverse multiplication number facts to calculate the factors or quotient of a composite number.

☐ I can use multiplication facts to find and calculate the solution to multiplicative and divisive number problems.

Important Note to Teachers, Parents and Caregivers: This this guide should be used with direct reference to the relevant aspect and section of the NSW Department of Education & Communities Numeracy Continuum K – 10, 2010.