



A Parent's Guide to Canada

This passport focuses on doubling and halving 2 digit numbers, multiplying and dividing by 10, 100, 1000, giving change from £1 and finding fractions of numbers.

Targets	Questions/Activities
Canada Double any 2 digit number Half any 2 digit number I can multiply and divide by 10, 100, 1000 , using my knowledge of place value Accurately give change from £1 for any amount. Mentally calculate $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{1}{10}$ of whole numbers	Can you times 15 by 2? (Example, can you do $10 \times 2 = 20$ and then $5 \times 2 = 10$ and then do $20 + 10 = 30$) Can you times 45 by 2? (Example, can you do $40 \times 2 = 80$ and then $5 \times 2 = 10$ and then $80 + 10 = 90$) Can you times 25 by 2? (Example, can you do $20 \times 2 = 40$ and then $5 \times 2 = 10$ and then $40 + 10 = 50$) Can you divide by 68 by 2 For example half of 68= 34 (for example half of 60=30 and then half of 8=4 and so $30 + 4 = 34$) Can you divide 83 by 2 (For example half of 80=40 and then half of 3=1.5 and so $40 + 1.5 = 41.5$) When multiplying any number by 10 you move the digits one place to the left, adding a zero in the empty place. For example, $10 \times 10 = 100$ When multiplying a number by 100 you move the numbers two places to the left, adding two zeros where there is no numbers. For example, $92 \times 100 = 9200$ When multiplying a number by 1000 move the numbers 3 places to the left, adding three zeros where there are no numbers. For example, $54 \times 1000 = 54000$. When dividing by 10 move all the digits one place to the right, for example $21/10 = 2.1$, $210/10 = 21$ When dividing by 100 move all numbers two places to the right, for example $21/100 = 0.21$, $210/100 = 2.1$ When dividing by 1000 move all digits three places to the right, for example $2.1/1000 = 0.0021$, $21/1000 = 0.021$ The sum of what you buy and the change due should add up to £1. So if you buy something for 62p you need to give 38p change, this is because $62p + 38p = £1$. Children should know number bonds up to 100 for this, for example 54 and 46=100 or 30 and 60=100 Use your knowledge of times tables to divide by 2, 4, 5 and 10. For example $\frac{1}{2}$ of 10= 5 (we divide ten by 2) For example $\frac{1}{4}$ of 12= 3 (we divide 12 by 4) For example $\frac{1}{5}$ of 25= 5 (we divide 25 by 5) For example $\frac{1}{10}$ of 100= 10 (we divide 100 by 10)