Purpose of profiles

- Provide a broad set of examples of what learners can do at each step.
  - Individual learners will have differing gaps in their knowledge and strategies
  - Learners may have strengths in particular areas that are higher than the step they are on
- Provide a comparison between realistic expectations of learners at each step and course demands.

I know that 6 + 7 = 13

I can work out 27 – 8 by counting back in ones, and 62 + 20 by counting in tens

I know that 100 comes just after 99, and 79 comes before 80

I can work out 6 x 2 by counting 2 ,4, 6, 8, 10, 12

I can count in twos, fives, and tens to 100

I can find 1/3 of a twelve pack by sharing out equally

I know that 67 is 6 tens and 7 ones

Step Two Profile

I ‘m really uncomfortable with numbers.

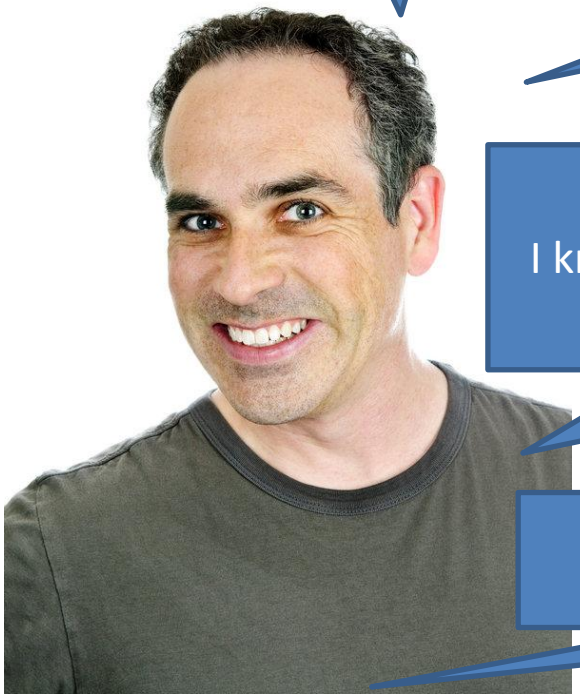
When I have to work things out, I need to use my fingers.

Step Two Profile

I can work out 23 + 9 and 52 – 7 without counting on my fingers.

I know 8 x 6 = 48 and 40 ÷ 5 = 8.

I know ¾ is greater than ¼.



I know that 990 + 10 = 1000 and 990 – 100 = 890

I know that 763 has 7 hundreds, 6 tens and 3 ones.

Step Three Profile

I am pretty comfortable calculating with whole numbers as long as they are not too big.

I don’t **do** fractions, decimals and percentages

Step Three Profile

I can work out
248 + 317
and 972 - 86 .

I know that one less than a million is 999 999

I can work out 27 x 3 without a calculator. I can use that answer to work out 81 ÷ 3.

I know that 0.3 is bigger than 0.25 and that 1/7 is bigger than 1/11

I can work out 4/5 of 20 grams.

I know that 4500 is the same as 45 hundreds or 450 tens and 0.3 and 0.7 make 1 (a whole).

Step Four Profile

I am good at adding and subtracting whole numbers but multiplication and division with bigger numbers is hard.

I know what fractions and decimals are and I can find a fraction of a number.

Step Four Profile

I can work out 1.92 m + 2.463m and 3 kg – 256g .

I know that 56 x 38 is about 2400 and I use my calculator if I want an accurate answer.

I know 6789 ÷ 65 is about 100 and I use my calculator if I want an accurate answer.

I know 68.199 comes before 68.2

I know 2.63 has 26 tenths and 3 hundredths

I know 7.3 x 100 = 730 and 0.25 ÷ 10 = 0.025

I know that 1/5 is 20%, so 4/5 is 80% . I know 25% is bigger than 0.2

I work out 25% of 80 by finding one quarter of 80.

Step Five Profile

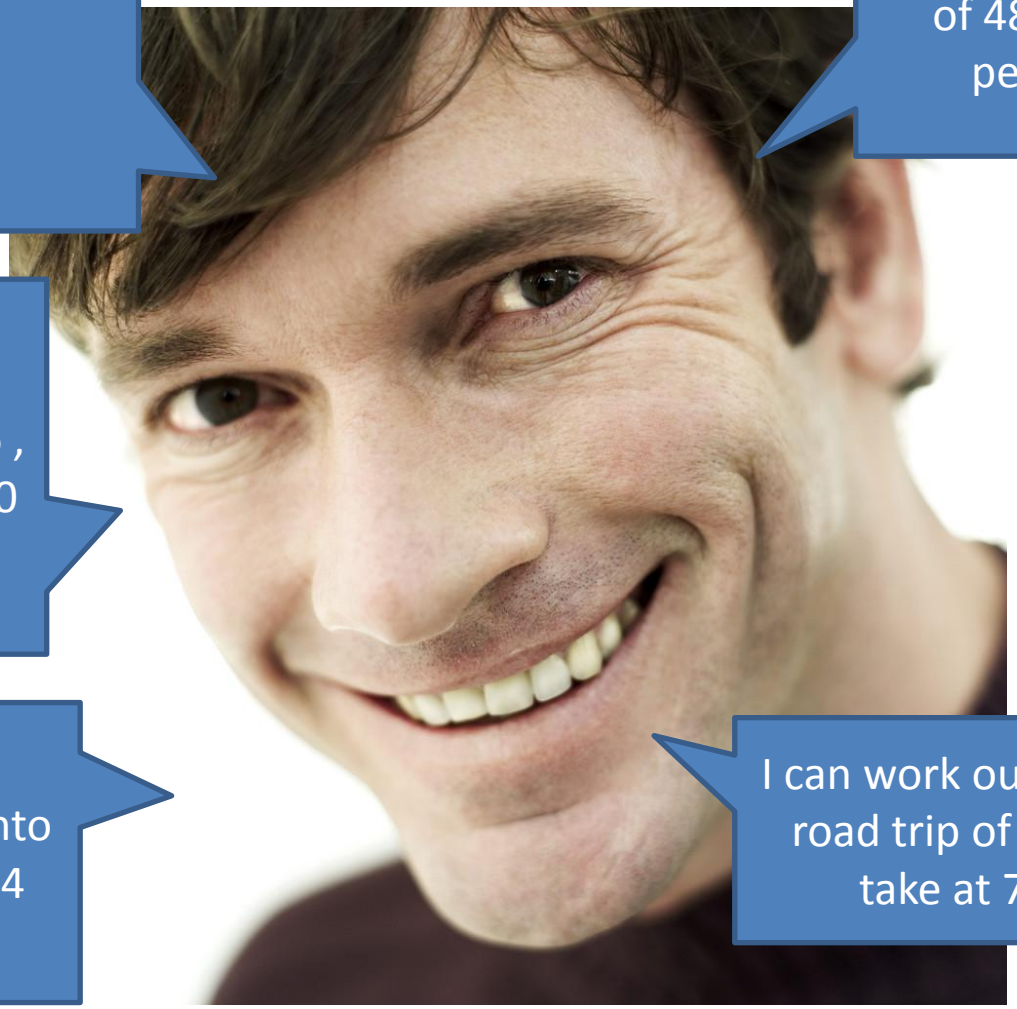
I have whole numbers sorted and I am pretty comfortable using common fractions, decimals and percentages.

I know how to change between fractions, decimals and percentages.

Step Five Profile

I can work out
2/3 + 3/4

I can change 36 out of 48 goals to a percentage



I can work out 4.8 ÷ 0.6 , ½ of ¾ and 40% of $900

I can convert $NZ300 into $US at a rate of 0.7254

I can work out how long a road trip of 250km will take at 75 km/h

Step Six Profile

I can solve problems that involve proportions, rates and ratios

I know how to solve problems that include harder fractions decimals and percentages

Step Six Profile