1. NO calculator: where solution is positive integer, found in 1 step

   (a) Solve $\dfrac{q}{3} = 12$

   (b) Solve $3q = 33$

   (c) Solve $q + 3 = 12$

   (d) Solve $q - 3 = 12$

2. NO calculator: where solution is positive integer (between 2 and 15), found in 2 steps

   (a) Solve $\dfrac{w}{10} + 3 = 5$

   (b) Solve $\dfrac{x + 44}{10} = 5$

   (c) Solve $4(y - 3) = 16$

   (d) Solve $4z - 8 = 12$

3. NO calculator: where solution is 0, 1, negative, easy decimal such as 2.5 or 0.2 or large positive found in 2 steps

   (a) Solve $\dfrac{w}{10} + 5 = 3$

   (b) Solve $\dfrac{x + 56}{10} = 5$

   (c) Solve $4(y - 3) = 14$

   (d) Solve $10z - 5 = 12$

4. No calculator: where solution is harder fraction such as $\dfrac{-3}{7}$ or $\dfrac{2}{3}$, found in 2 steps

   (a) Solve $\dfrac{7n}{4} = 1$

   (b) Solve $7u - 4 = -1$

   (c) Solve $7x + 4 = -1$

5. NO calculator: x on both sides but no minus signs

   (a) Solve $x + 19 = 3x + 7$

   (b) Solve $9x + 4 = 3x + 10$