**Forming and Solving Equations (F)**

Pre-Intervention Assessment

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- | --- |
| **Question** | **Objective** | **RAG** |
| 1 | Solve linear equations with an variable on one side |  |
| 2 | Solve linear equations with an variable on both sides |  |
| 3 | Rearrange formulae |  |
| 4 | Solve linear simultaneous equations |  |

**1.** (a) Solve 3x = 12

x = ...............................

(b) Solve y – 7 = 5

y = ...............................

(c) Solve 2t + 8 = 3

t = ...............................

(d) Solve 2y = 4

5

y = ...............................

**2**. Solve 4y + 3 = 2y + 8

y = ..............................................

**3**. Rearrange

a(q – c) = d

to make q the subject

…………………………………….

**4.** Solve the simultaneous equations

3x + 4y = 5

2x – 3y = 9

x = …........................................................

y = …….....................................................

[Glue here]