| Non Calculator – Do Working                      | gs on back Name | www.m4ths.com |
|--|-----------------|---------------|
| Solve $2x - 1 = 10$                              |                 |               |
|  |                 |               |
| Solve $5(x-2) = 25$                              |                 |               |
|  |                 |               |
| Solve $2x + 4 = x + 1$                           |                 |               |
|  |                 |               |
| Make p the subject                               |                 |               |
| -1+2p=q  |                 |               |
| Make p the subject                               |                 |               |
|  |                 |               |
| $\sqrt{p+5} = q$                                 |                 |               |
| Write 81 as a product of                         |                 |               |
| prime factors                                    |                 |               |
| 5  |                 |               |
| Simplify $t^5 \times t$                          |                 |               |
| Simplify $t^5 \div t^5$                          |                 |               |
| <u>1</u>   |                 |               |
| Simplify $16^{\overline{4}}$                     |                 |               |
| Simplify $(p^2)^5$                               |                 |               |
| Write 12300 in standard                          |                 |               |
| index form $(1.2\times10^3)\times(3\times10^5)$  |                 |               |
| $(1.2\times10^{\circ})\times(3\times10^{\circ})$ |                 |               |
| $(6.2\times10^8)\div(2\times10^5)$               |                 |               |
| (0.2×10 ) : (2×10 )                              |                 |               |
| $(7 \times 10^4) \times (3 \times 10^5)$         |                 |               |
| (7×10 )×(3×10 )                                  |                 |               |
| $(2\times10^4)+(3\times10^5)$                    |                 |               |
| $(2\times10^{\circ})+(3\times10^{\circ})$        |                 |               |
| 40   |                 |               |
| Simplify $\sqrt{12}$                             |                 |               |
| <u> </u>   |                 |               |
| Simplify $\sqrt{75}$                             |                 |               |
|  |                 |               |
| Simplify $2\sqrt{2} \times 3\sqrt{18}$           |                 |               |
|  |                 |               |
| Simplify $\sqrt{5} + \sqrt{5}$                   |                 |               |
| Simplify $\sqrt{12} + \sqrt{27}$                 |                 |               |
|  |                 |               |
|  |                 |               |