Being systematic

You can set your work out clearly as a table.

E.g. Solve **n2 - n = 1** to 2 d.p.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Trial n |  n2 |  n |  n2-n | Result |
| 1 |  |  |  |  |
| 1.5 |  |  |  |  |
| 1.6 |  |  |  |  |
| 1.7 |  |  |  |  |
| 1.61 |  |  |  |  |
| 1.62 |  |  |  |  |

Solve n2 + n = 8 to 1 d.p

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Trial n |  n2 |  n |  n2 + n | Result |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Solve n3 + n2 = 20 to 1 d.p

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  Trial n |  n3 |  n2 |  n3 + n2 |  Result |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Trial n |   |   |   | Result |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |