

## ANSWER SHEET

### Root facts – true or false?

1) Roots grow like a mirror image of above-ground parts of the tree	True / <b><u>False</u></b>
2) The main functions of roots are to take up water and minerals, and to hold the tree up	<b><u>True</u></b> / False
3) Roots account for the majority of the mass of the tree	True / <b><u>False</u></b>
4) Mycorrhizas help the tree take up nutrients	<b><u>True</u></b> / False
5) There needs to be a balance between root area and leaf area	<b><u>True</u></b> / False
6) Trees can continue to produce roots throughout their lives	<b><u>True</u></b> / False
7) A recommended root protection area for an old tree according to Read, 2000 extends a distance which is 10 times the diameter of the trunk in all directions	True / <b><u>False</u></b>
8) Roots can extend up to 4 times the radius of the crown	<b><u>True</u></b> / False
9) Soil compaction does not affect roots	True / <b><u>False</u></b>
10) Root hairs help stop roots from freezing in the winter	True / <b><u>False</u></b>