



$$g + 3h = f$$

Handwritten calculations for a search tree starting from node S:

- S → D:  $0 + 33 = 33$
- D → E:  $20 + 33 = 53$
- E → F:  $8 + 54 = 62$

Handwritten calculations for a search tree starting from node B:

- B → F:  $40 + 15 = 55$
- F → G:  $28 + 30 = 58$

Handwritten calculations for a search tree starting from node G:

- G → C:  $46 + 18 = 64$
- G → D:  $50 + 0 = 50$

