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Practice questions: Routing tables

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What have you learnt so far?

3/3 points (ungraded)

1. Routing helps us:

- ◉ to navigate between any two vertices in a graph
- ○ to determine if there are any cycles in the spanning tree of a graph
- ○ to calculate the order of the graph

    ✔

2. In a rooted tree:

- ○ every vertex has a unique child
- ○ all children have cousins
- ◉ every vertex except the root has a unique parent

    ✔

3. In a routing table, we can find:

- ○ the children of the vertices in a rooted spanning tree of a graph
- ◉ the parents of the vertices in a rooted spanning tree of a graph
- ○ the weights of the edges between two vertices of a graph

    ✔

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ℹ Answers are displayed within the problem

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