

**3. Visualizing city operations: Testing your understanding - recap and revision**

*Multi-choice*

1. What can urban models in virtual reality be used for? a) virtual tourism; b) training for emergency response; c) community planning; d) all of the above.
2. How were the early digital city models made? a) using CAD data; b) using GIS data; c) using gaming techniques; d) a, b and c; e) both a and c.

*Reflective*

1. What applications are there for virtual reality and augmented reality in operating smart cities and regions?
2. What changes did new tools such as 'Google Earth' and 'Google Streetview' introduce in the use of virtual and augmented reality to visualize city operations?
3. What kinds of research examine virtual reality and cities?