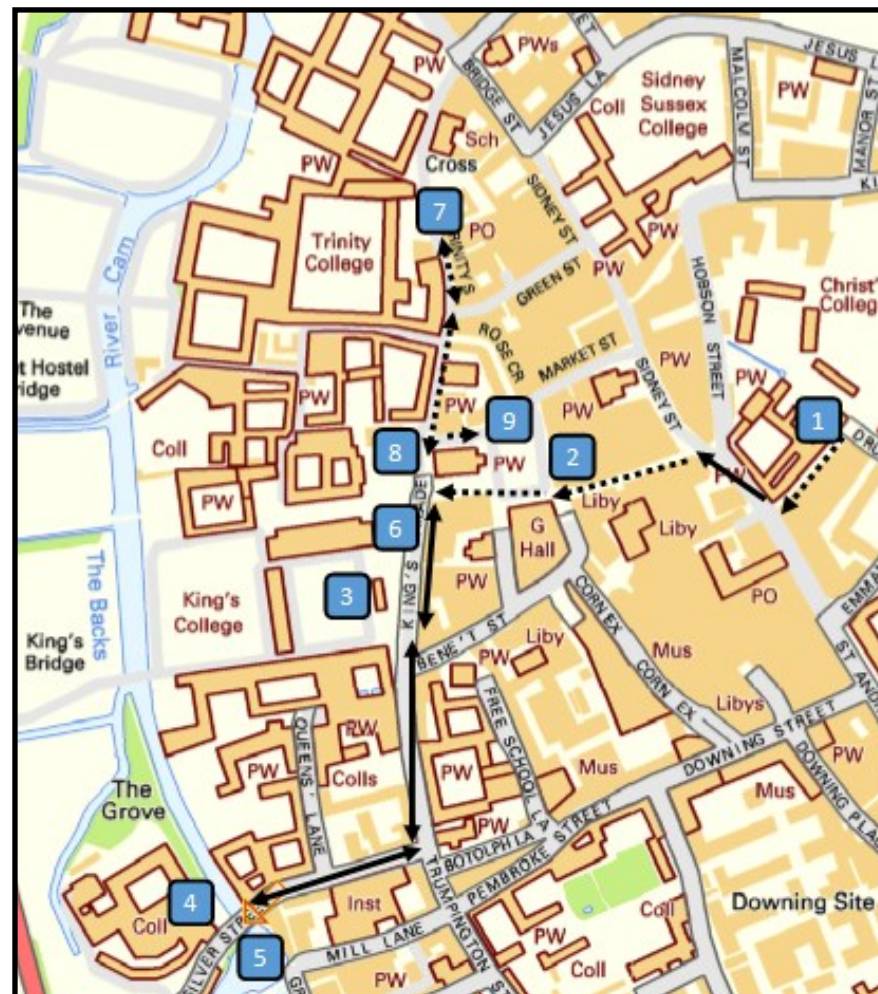# Cambridge Blue Questions

Name(s): _____

Date: _____

**1. Drummer Street Bus Station** - Choose two different bus bays. When does the next bus depart from each bay and where is it going? Which bus will depart first?

**2. Guildhall/Walter Snowy Farr statue** - Estimate the height of the statue to the tip of the cat's ears.

**3. King's College Gateway** - Estimate the distance between the two black lampposts either side of the entrance to King's College.

**4. The Mathematical Bridge** - Look at the bridge and the surrounding buildings. What shapes can you see? Make a list of 2D and 3D shapes.

**5. Silver Street** - How many punts would you need for your whole group to travel on the river at the same time?

**6. King's College Chapel** - What would be a quick and effective way of estimating the number of small rectangular glass panes used to create the large stained glass window?

**7. Trinity College Great Gate** - Which features can you see which are symmetrical? Choose two to sketch and add the lines of symmetry.

**8. St Mary the Great Church** - Find the scale model on the right of the church entrance as you look at it. Write instructions for a route from point N to point H. Are there any other possible routes?

**9. Market Square** - Standing on the corner, next to the phone boxes, look at the market stalls. Write and solve your own mathematical question about the market.

**Extra challenge:** On your trail you will pass several clock faces. Each time you see a clock, record the time and calculate how much time has passed since you recorded the last time.