

# Ely Questions

Name(s): \_\_\_\_\_

Date: \_\_\_\_\_

**1. Oliver Cromwell's House** - Estimate the surface area you would need to paint white if you were repainting the outside of the building.

**2. St Mary's Church** - **a)** Find the clock with Roman Numerals and record the time in analogue and 24 hour form. **b)** Estimate the height of the church tower.

**3. Ely Cathedral** - **a)** Stand next to the cannon in the cathedral grounds. Estimate the height of the cathedral tower. How much taller is it than St Mary's tower?

**b)** Look at the cathedral. Can you find an acute, obtuse, reflex and right angle? Sketch and label the different shapes and angles you see.

**c)** Stand inside the entrance of the cathedral and find out how much it would be for your whole group (including adults) to visit the cathedral and stained glass museum.

**4. Market Place** - Record the time on the clock face. How much time has passed since you were at St Mary's Church?

**5a. Great Ouse Riverside** - Create your own mathematical question based on what you can see.

**5b. 'Eels from Ely' sign by the river** - Estimate the distance from Jesus Lock to Ely.

**6. Jubilee Gardens** - Find the eel mosaic. Estimate the fraction of the tiles which are green.

**Optional Traffic Survey:** At the Broad Street side of the gardens, conduct a traffic survey. Decide which information to collect and how to record this so that you can present and analyse your data later.



**Extra challenge:** On your trail you will find or pass several plaques and signs which record a year in which a historic event happened. Record each year that you see and then write them in chronological order from the oldest to the most recent.