

Ely Questions

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.

Name(s): _____

Date: _____



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.