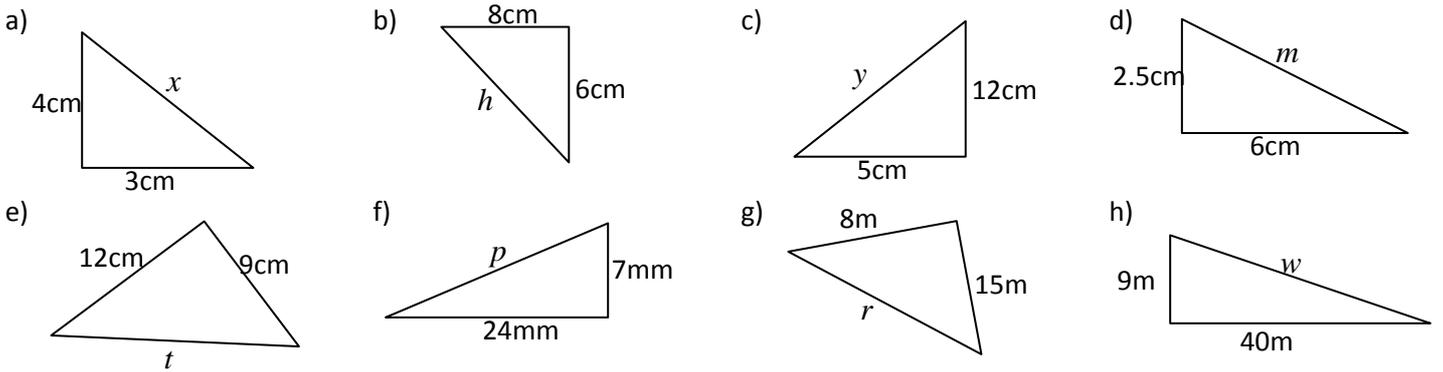


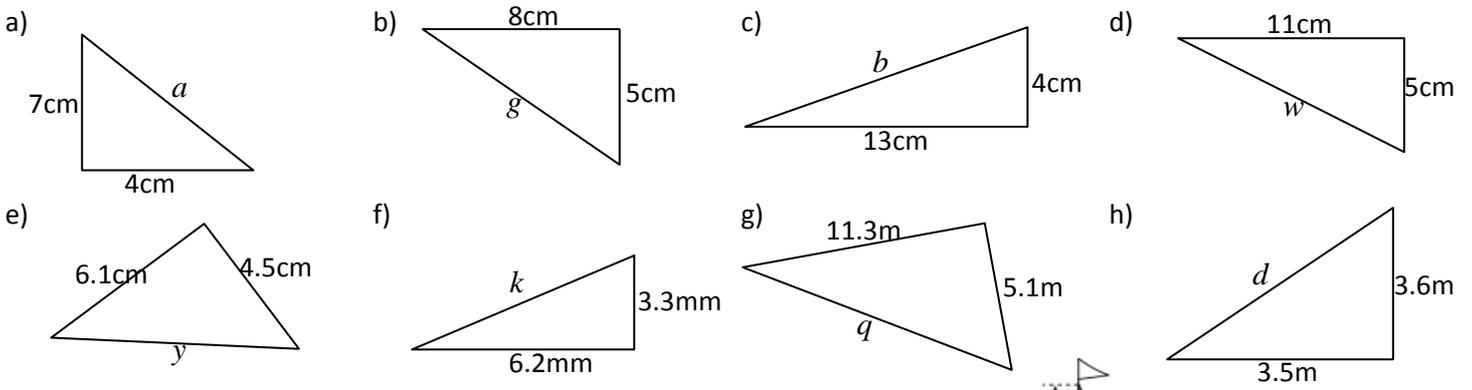
Pythagoras – finding the hypotenuse

Diagrams **NOT** drawn to scale

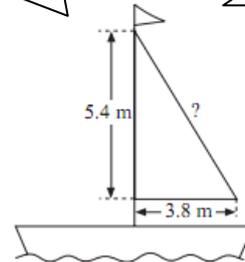
1. In each of these right angled triangles find the missing longer side.



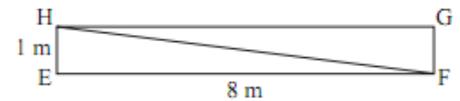
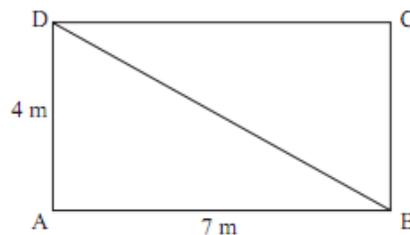
2. In each of these right angled triangles find the missing longer side. Round your answers to 1 decimal place.



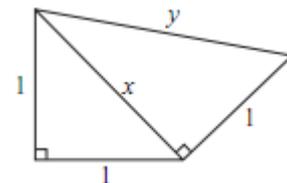
3. What is the length of the longest side of the sail of the boat?



4. Which rectangle has the longest diagonal?



5. a) Find the length of side x . b) Find the length of side y .



6. Use Pythagoras' Theorem to determine whether these triangles have right angles or not.

