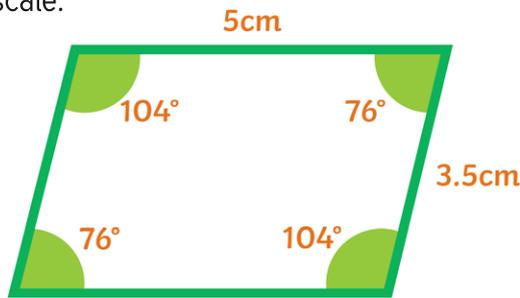
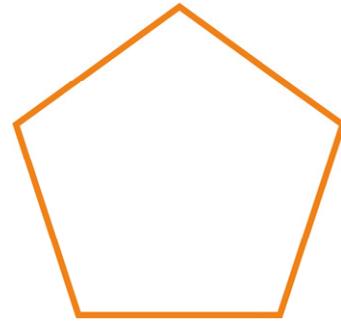


Properties of Shapes Challenge Cards

1. Here is a sketch of a quadrilateral not drawn to scale. Use your ruler and protractor to draw it to scale:

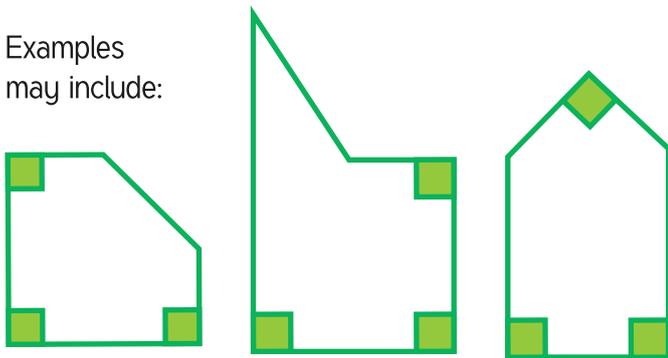


2. Complete this drawing of a regular pentagon using your ruler and protractor:



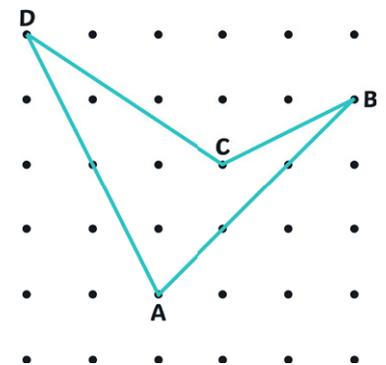
3. Draw a pentagon that has three right angles:

Examples may include:

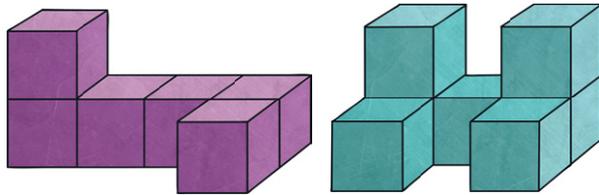


4. Draw a quadrilateral on this grid which has three acute angles:

Examples may include:



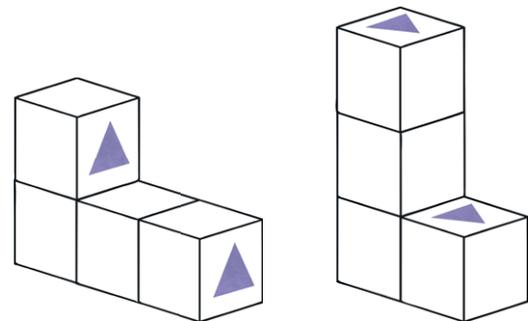
5. How many faces can be seen looking from this viewpoint on these cube models?



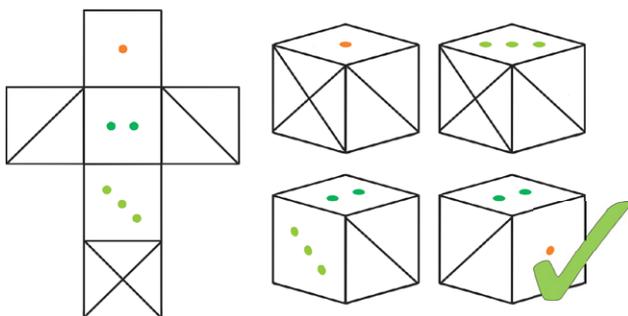
13 faces

15 faces

6. Draw the triangles in the correct place on this cube model after it has been moved:



7. Which cube will this net form?



8. Join two vertices to make a line parallel to Line A:

