## Think together

I Sort these angles into groups by putting the letter of each angle in the correct column.


| Acute | Right angle | Obtuse |
| :--- | :--- | :--- |
| $A \diamond$ | $b$ | EDC |

2 Order the angles you have sorted from smallest to largest, writing them in a table like the one below.

| smallest |  |  |  |  | Largest |
| :---: | :--- | :--- | :--- | :--- | :--- |
| $\delta$ | $A$ | $b$ | $e$ | $d$ | $C$ |

3 a) Sort the three shapes below. Complete the table by filling in all three columns for each category. One has been done for you.


| Fewest acute angles |  | Most acute angles |
| :---: | :--- | :--- |
|  |  |  |
| Fewest right angles |  | Most right angles |
| C |  |  |
| Fewest obtuse angles |  | Most obtuse angles |
|  |  |  |

b) Can you draw a four-sided shape with three acute angles and a right angle? Explain why or why not.

