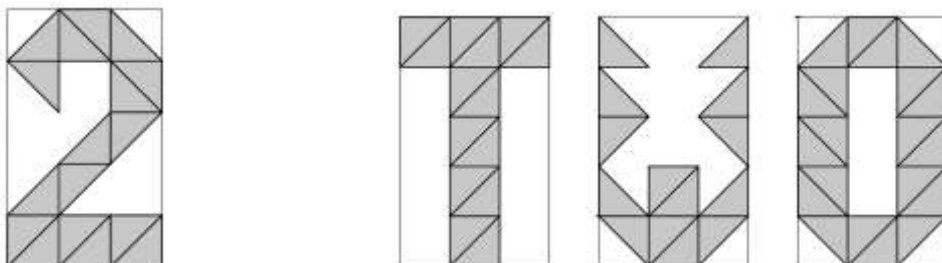


Letters and Numbers with Triangles

ATM - Supporting Mathsweek England



How many triangles are there in 2? Or in TWO?



Which digit has the most triangles? Or least?

Which letter has the most triangles? Or least?

Is a 5 by 3 surrounding rectangle the best size? It doesn't work well for W! Can you find a better size for the rectangle? (If learners are unsure what a 5 by 3 surrounding rectangle means ask them for ideas!)

Does a different size change your answers about which digit or letter has the most (or least) triangles?

The triangles here are isosceles, right-angled triangles. Would a different sort of triangle be better? Or a mixture of types?

Patchwork

Many patchwork designs are made up of triangles and rectangles (including squares). Many have cultural significance



<https://search.creativecommons.org/photos/ffc8f59-9a6d-45aa-b62f-aacd03c0b19f>

<https://search.creativecommons.org/photos/110d060c-9223-4f73-bdd3-8b73204e63b4>

Design a cushion cover using triangles and rectangles that includes a letter or digit.

Tweet during Mathsweek England (or after) so everyone can see it - #mathsweekengland