

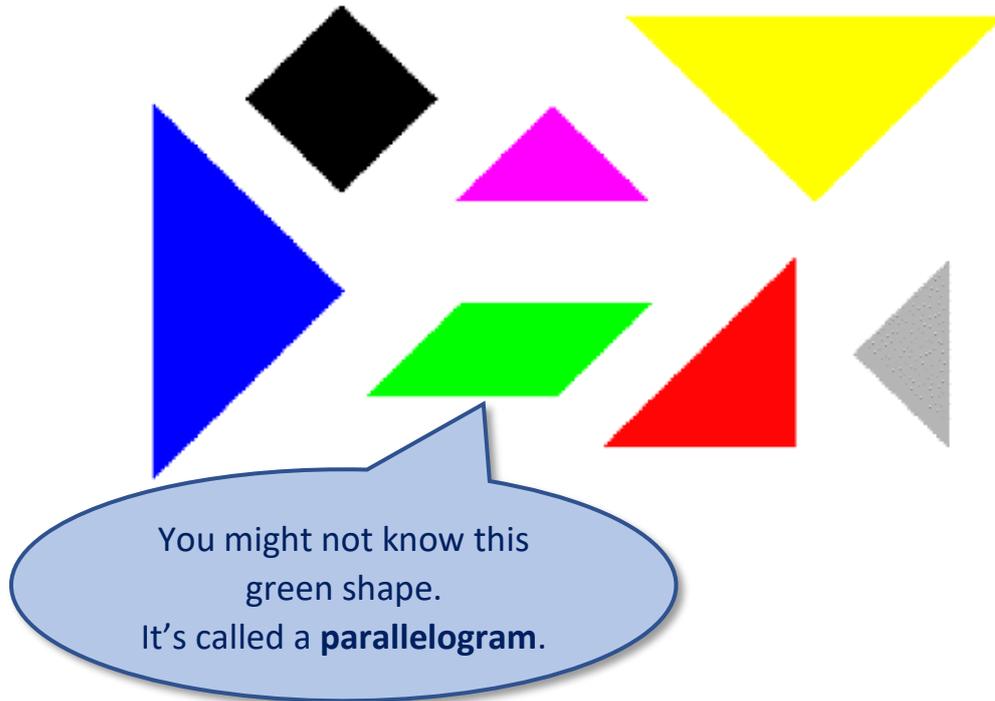
Puzzle

Puzzles like this are great for developing mathematical logic skills, as well as training us to be resilient if a solution proves tricky to find...!

Tangrams

What are they?

- Tangrams are an ancient Chinese puzzle made from 7 pieces.
Do you know the name of each shape?



- These pieces are arranged to make pictures.
The challenge is to work out how it was done!

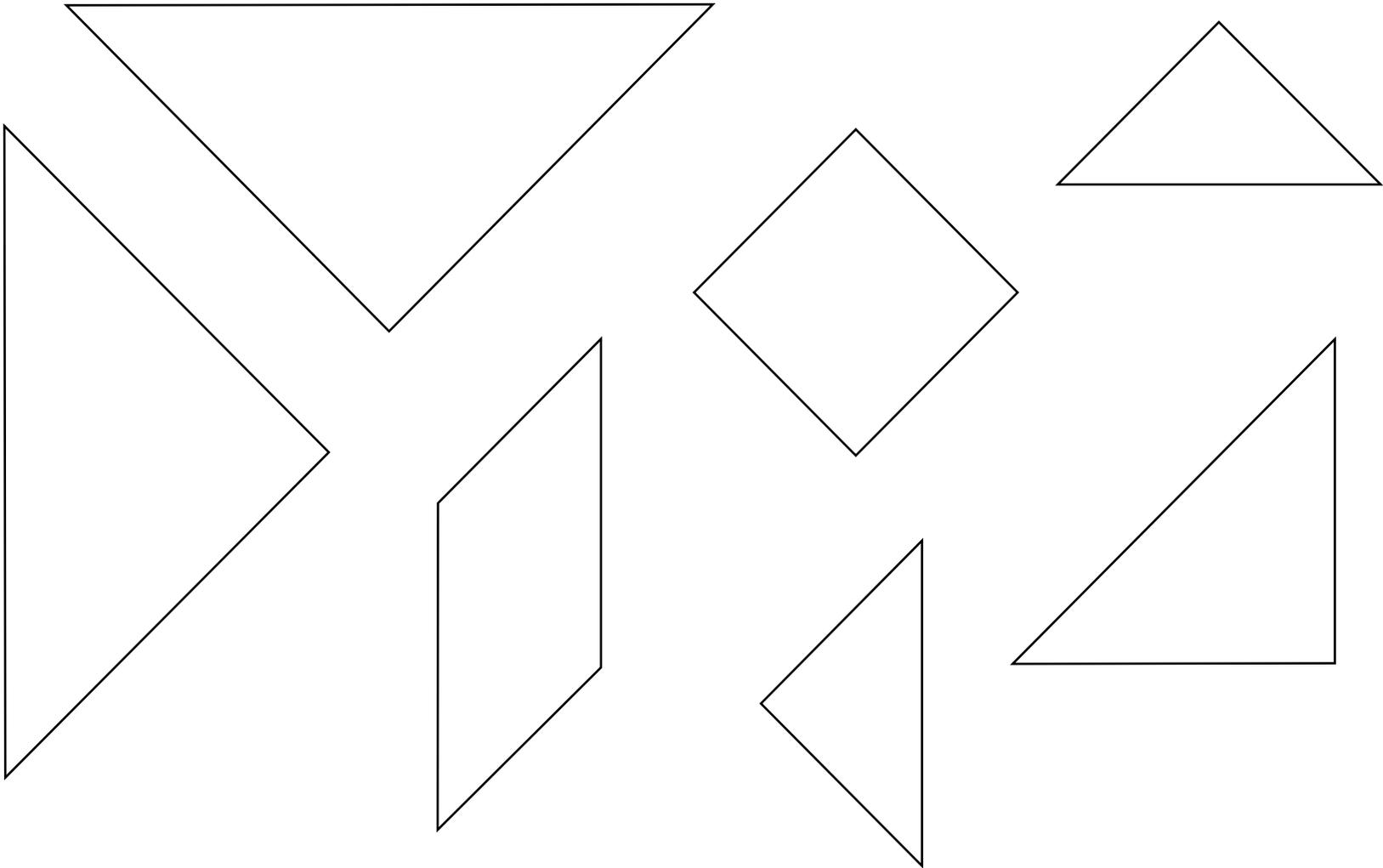
Now for the puzzle...

- Your first challenge is to fit all 7 pieces together to make a square.
Place your pieces on the blank square to help...
- Now choose some of the other outlines. Can you put your 7 pieces over the top to recreate the pictures?
- You could also use the pieces to create your own pictures.
- If you enjoy tangram puzzles, there are more online [HERE](#).

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

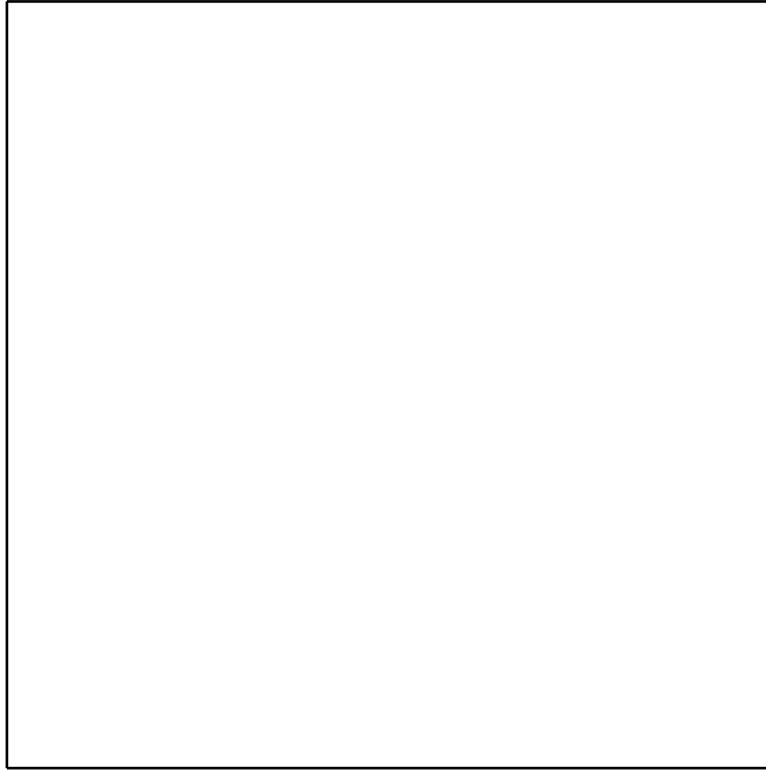
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

Tangram pieces



81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 6 67 68 69 70 71 72 73 4 75 76 77 78 79 80

Tangram square



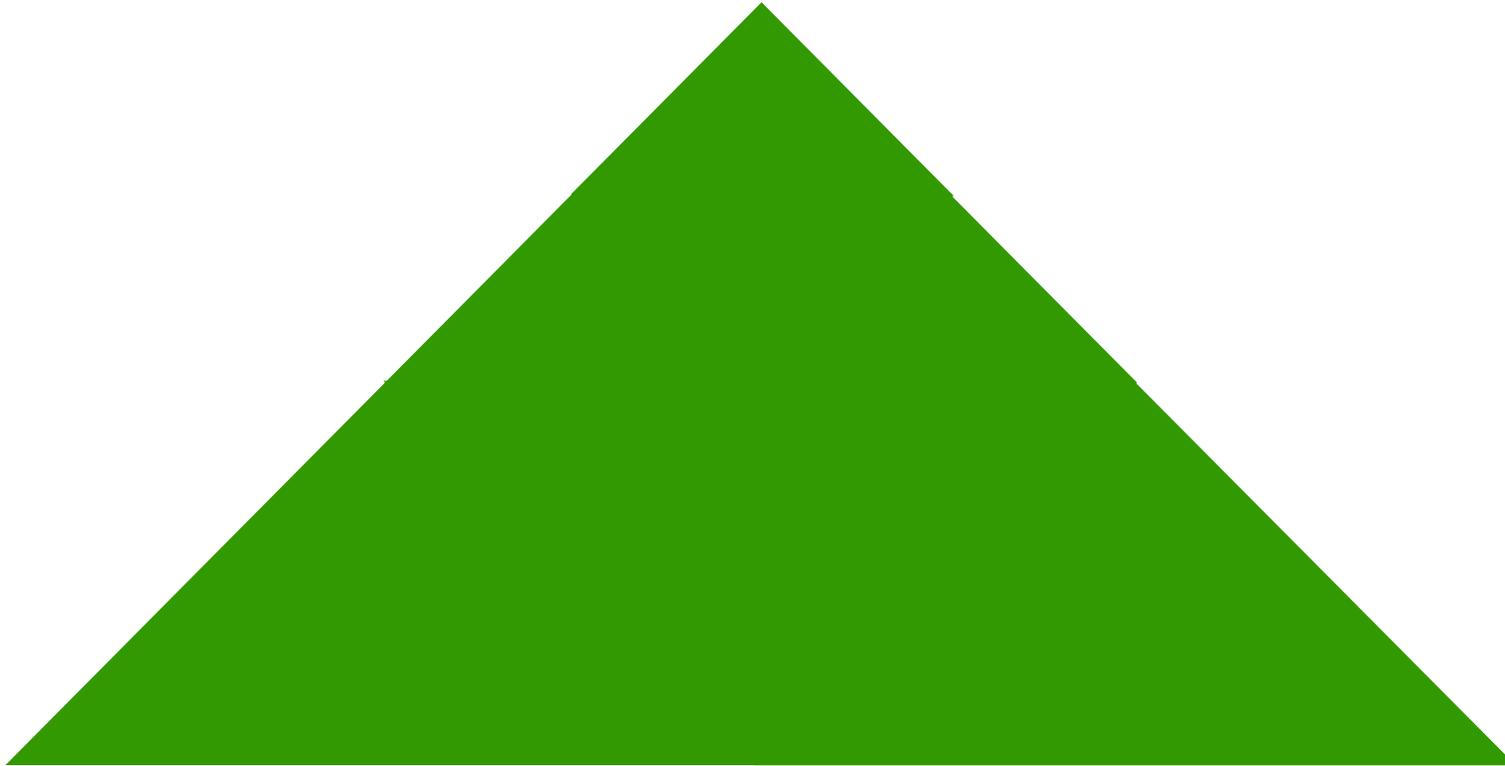
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31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

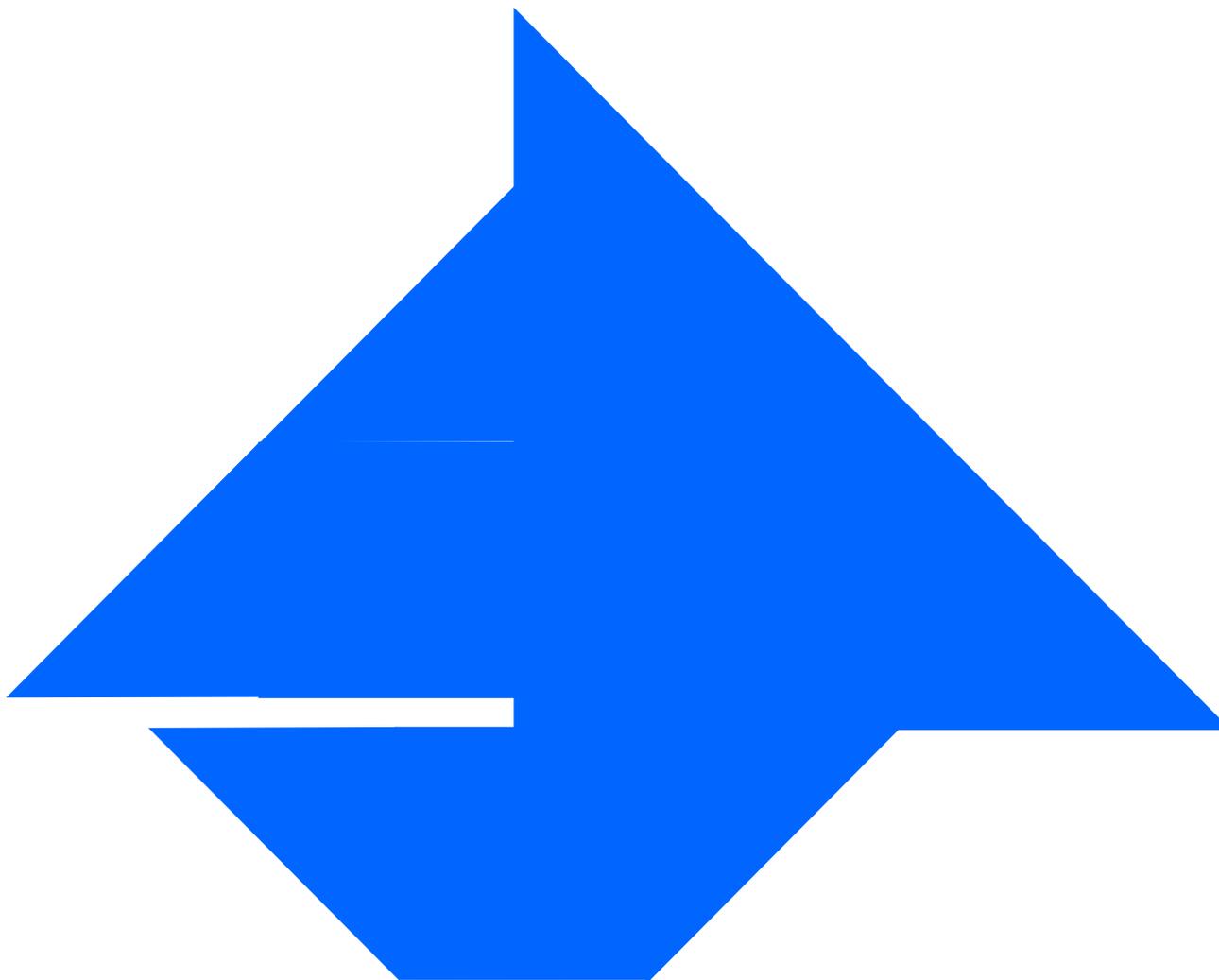
100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82 81

80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51

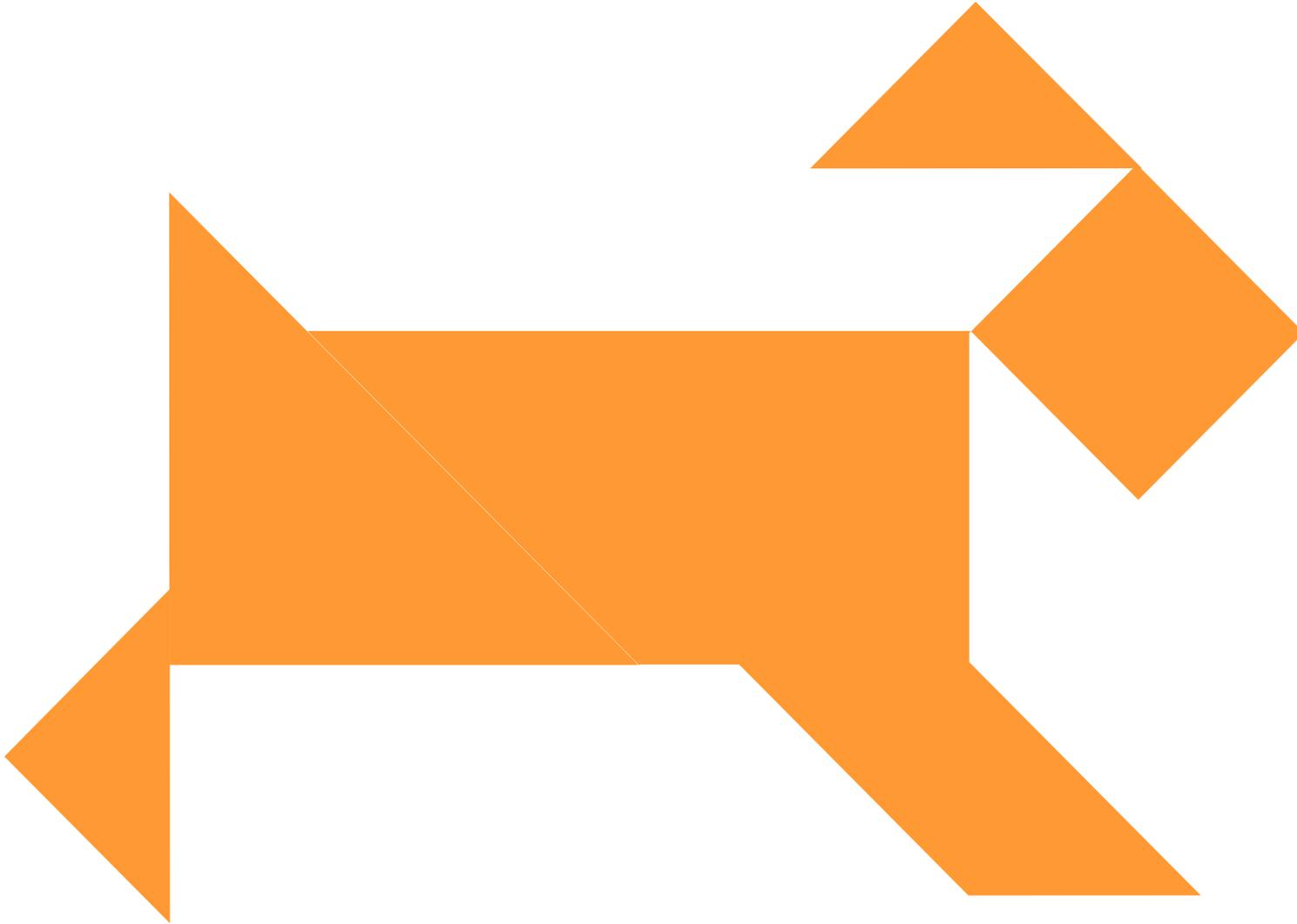
Tangram triangle



Tangram boat



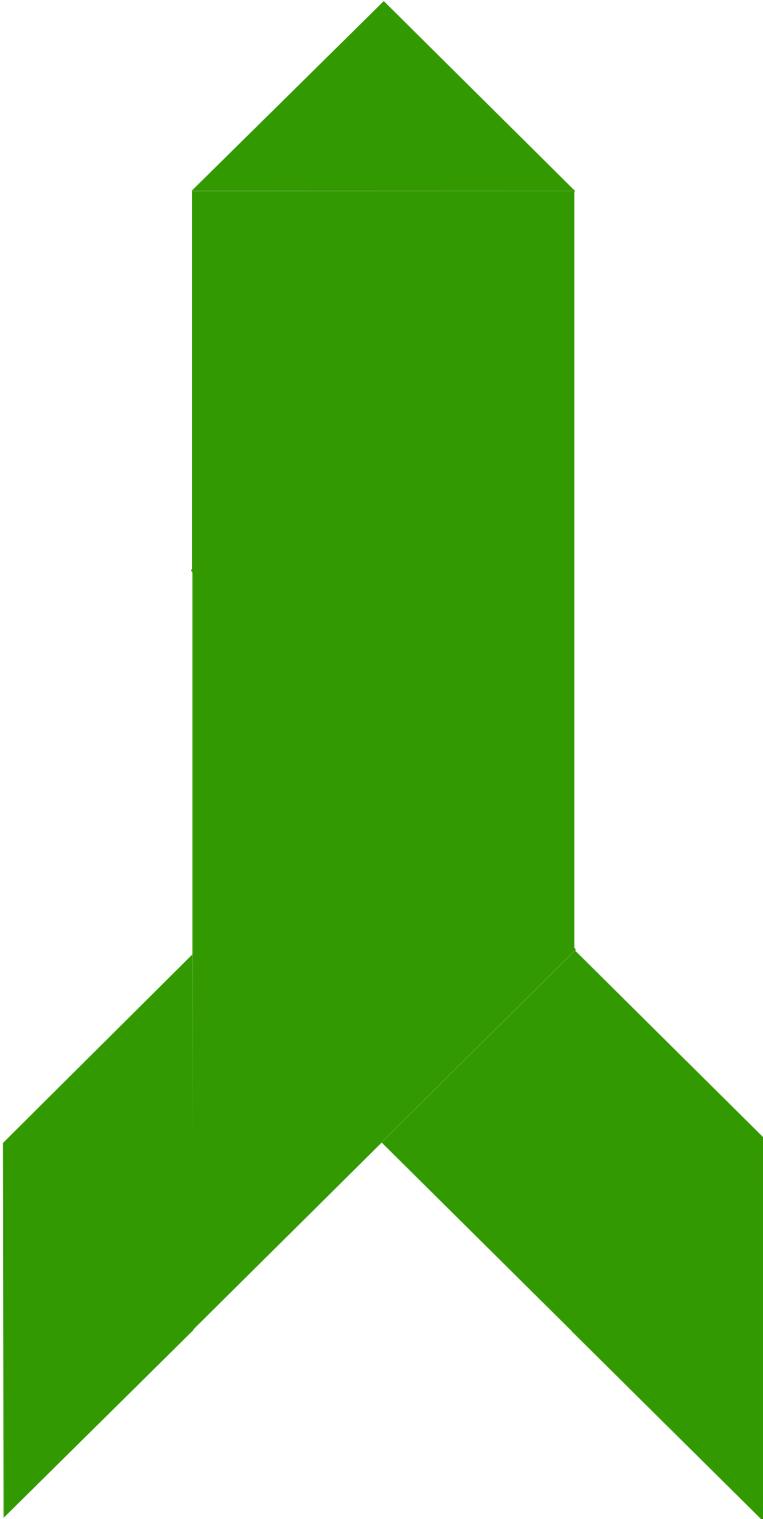
Tangram dog



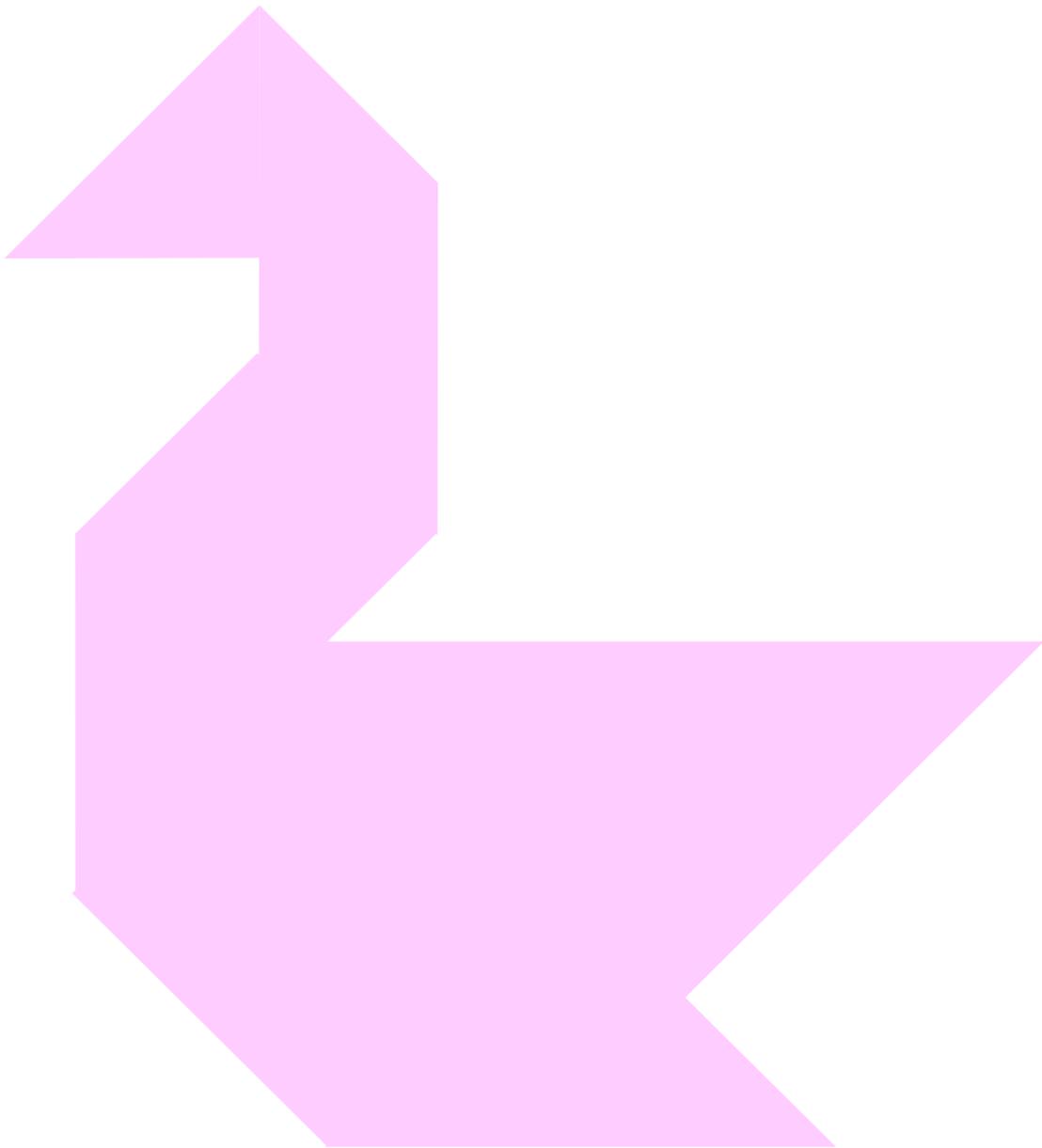
Tangram house



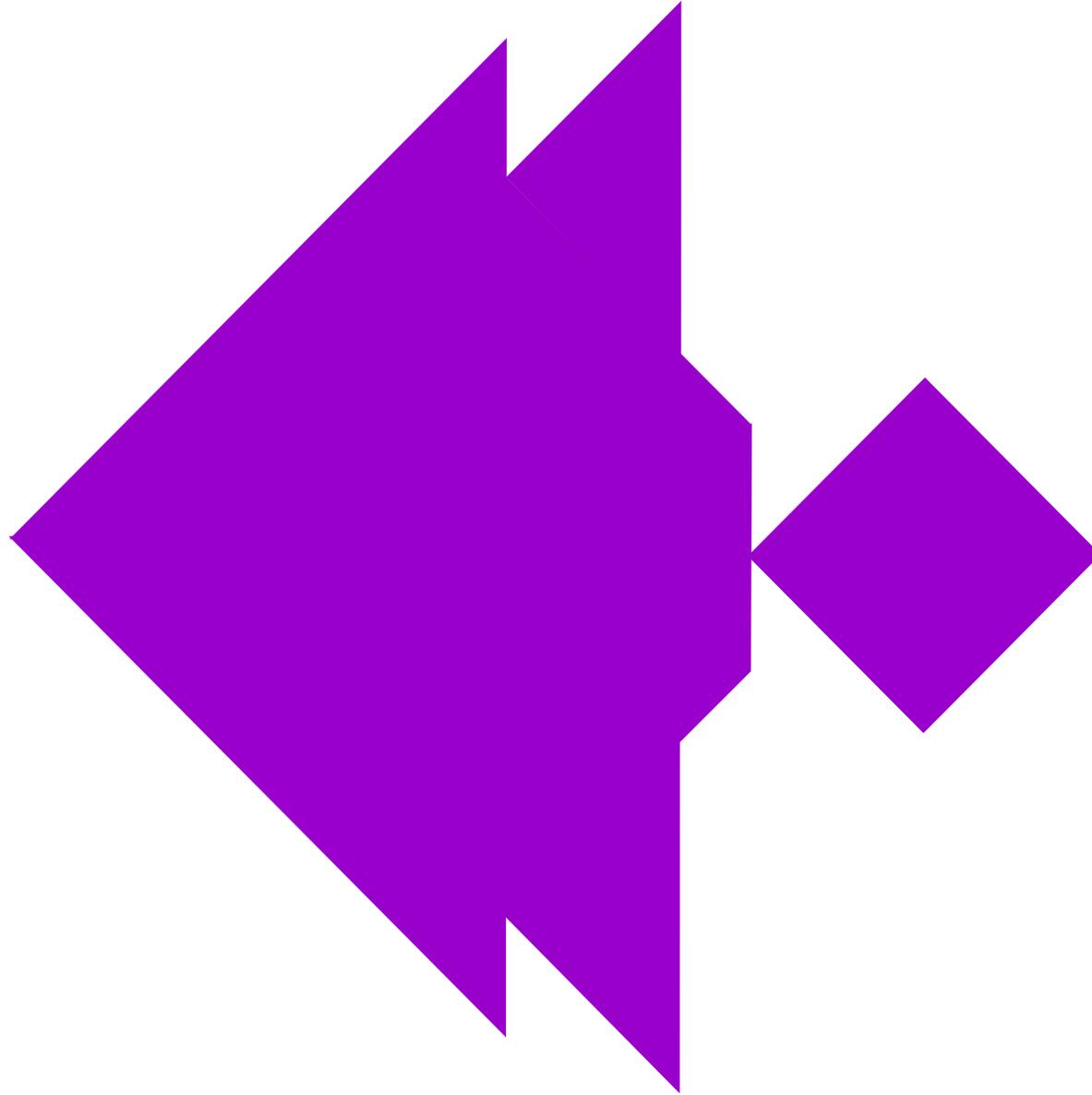
Tangram rocket



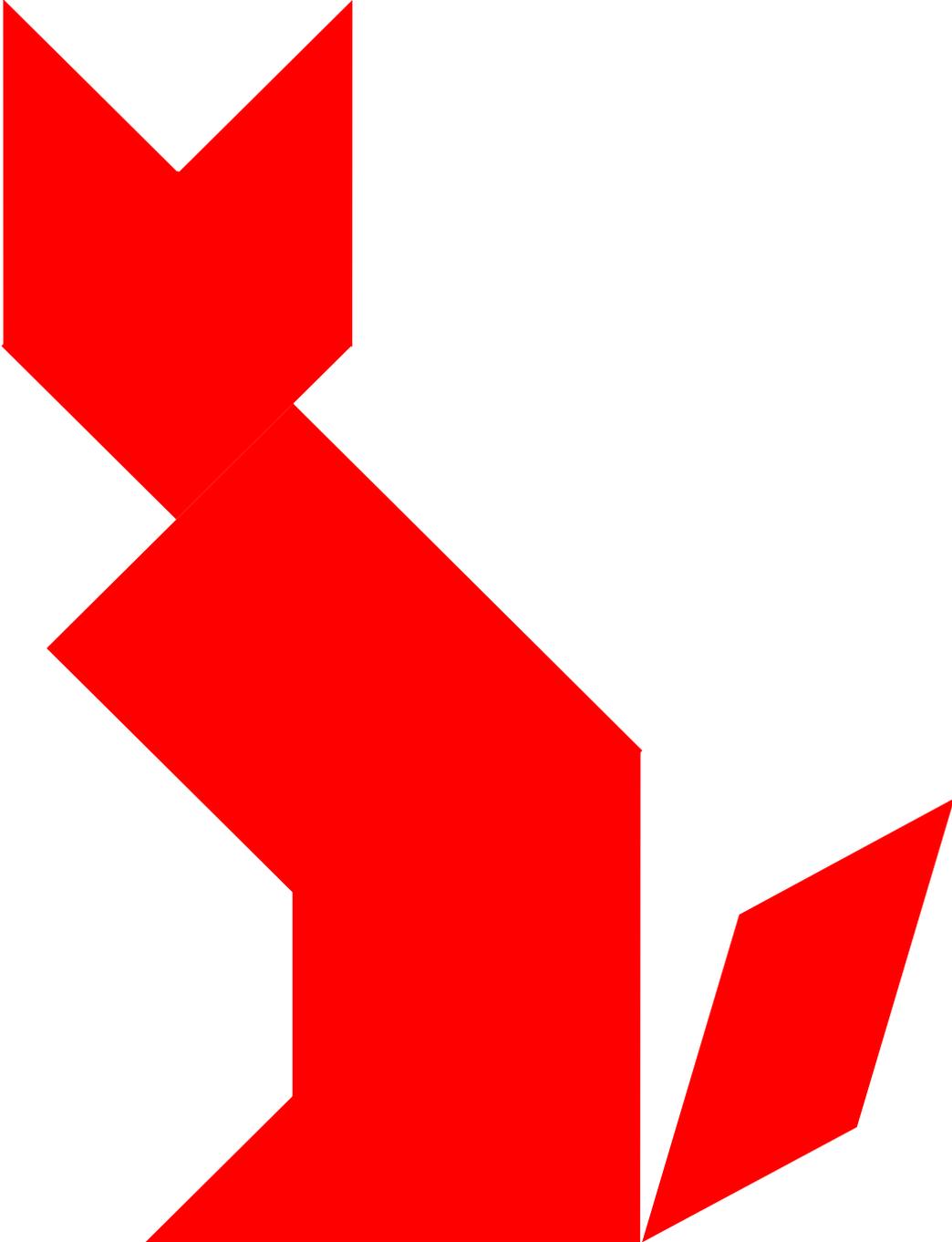
Tangram swan



Tangram fish



Tangram cat



Tangram pictures - answers

