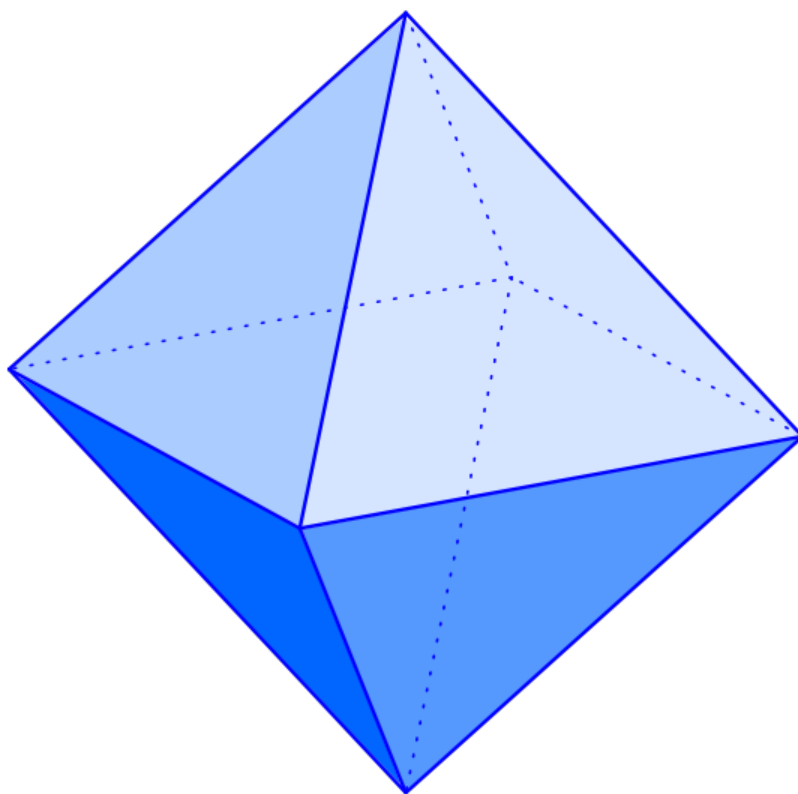
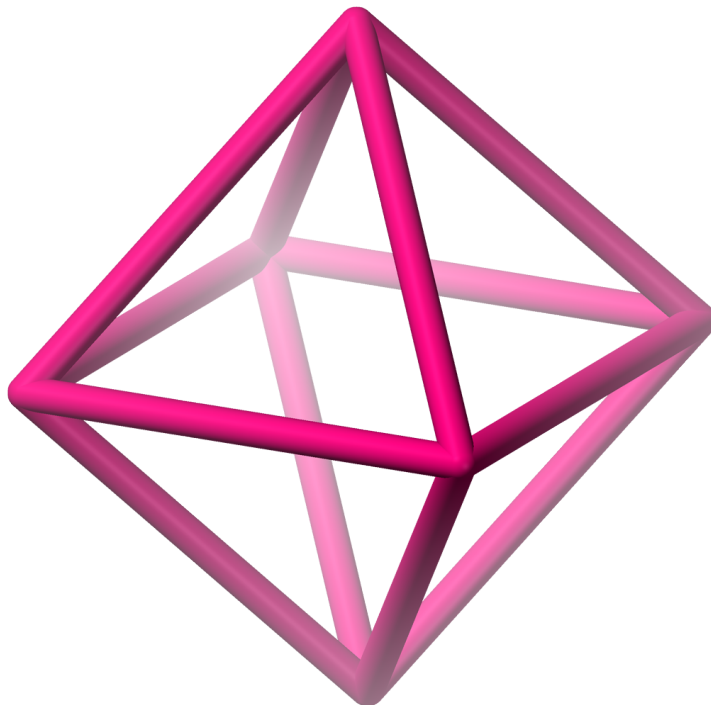

Make an OCTAHEDRON

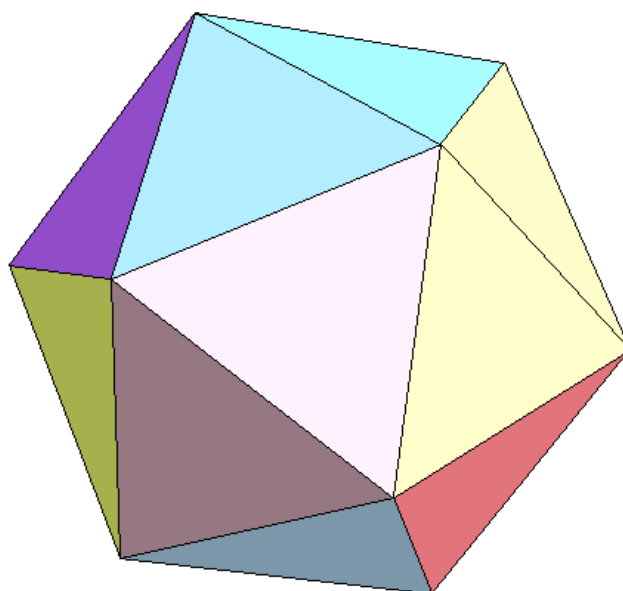
(using GeoGenius blue triangles)



Now try to build a ICOSAHEDRON with the same shapes
(using GeoGenius blue triangles)

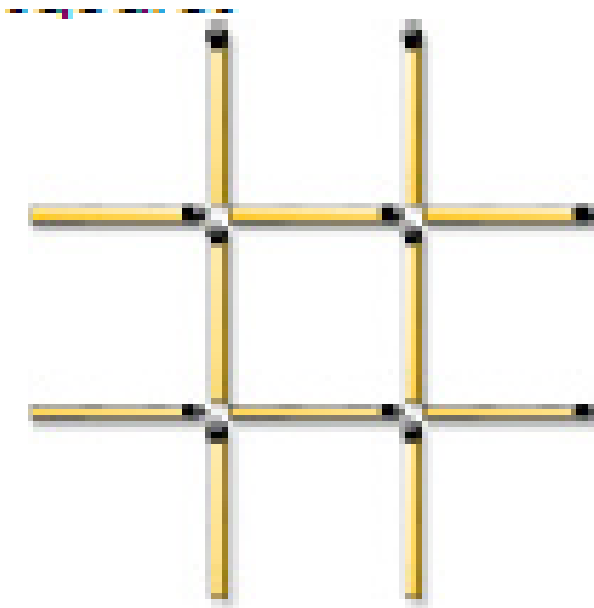


Icosahedron



MATCHSTICK PUZZLES

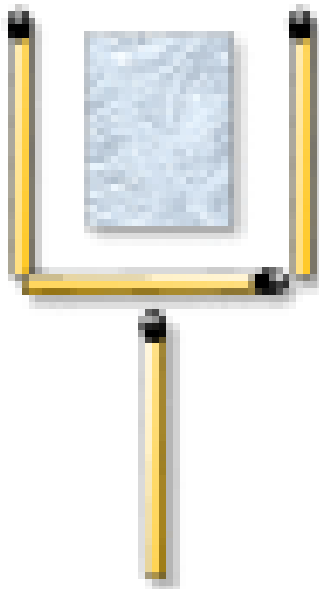
1



Make this shape

Now move 3 sticks so that you make 6 squares

2



Make this shape

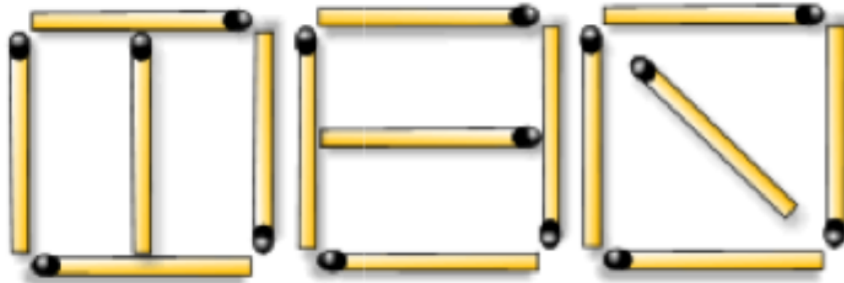
Now move 3 sticks to remake the glass in the same shape so that the ice is outside it.

Challenge: can you do the same with 2 sticks?

MATCHSTICK PUZZLES

15 to 10

Remove 6 matches from these to leave 10



MAKE 24

Use + - x or ÷

Use each number on the card
once only



MORE MAKE 24

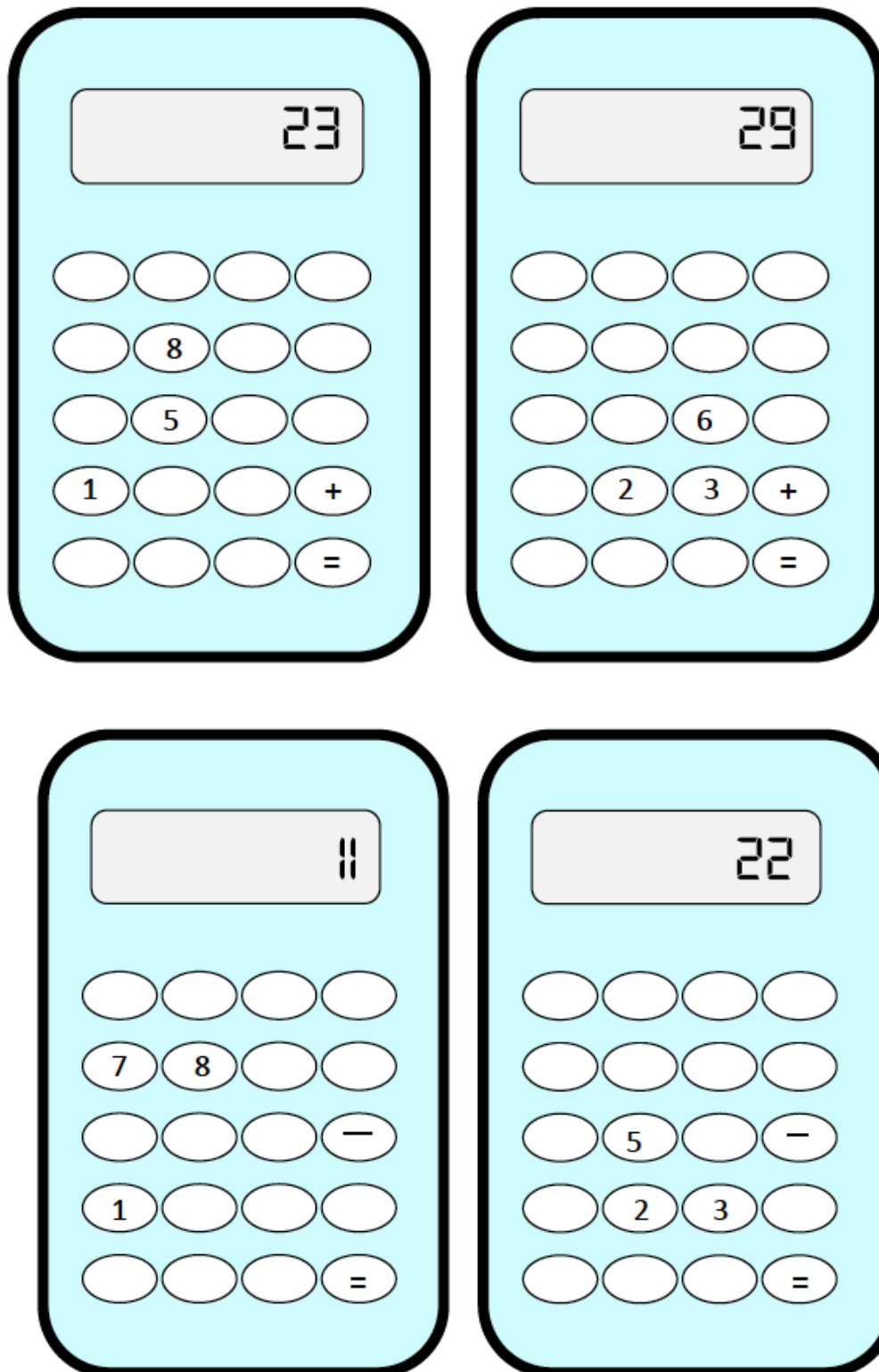
Use + - x or ÷

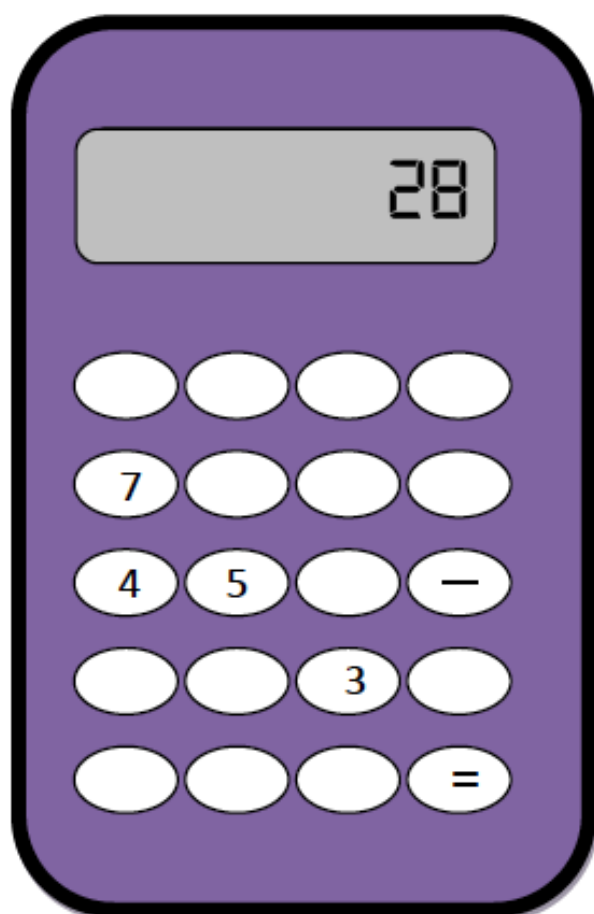
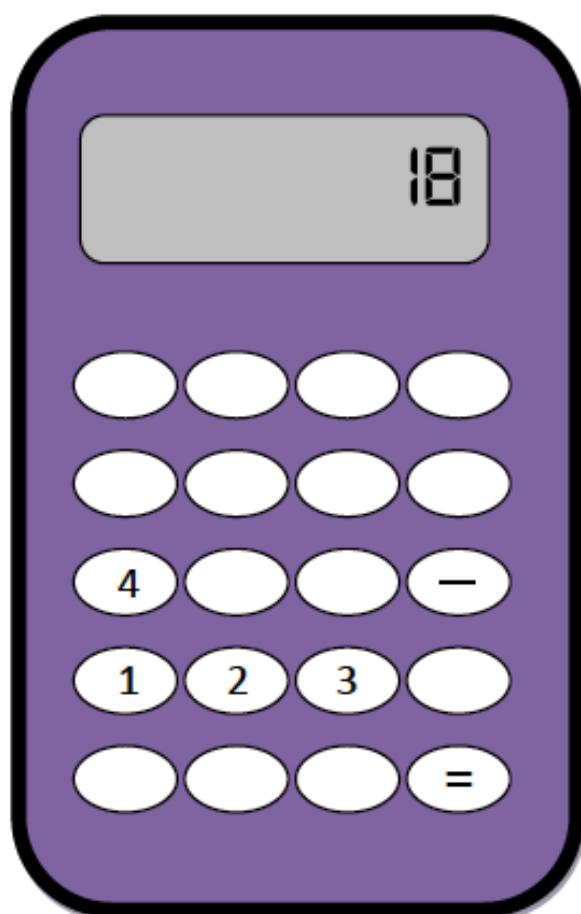
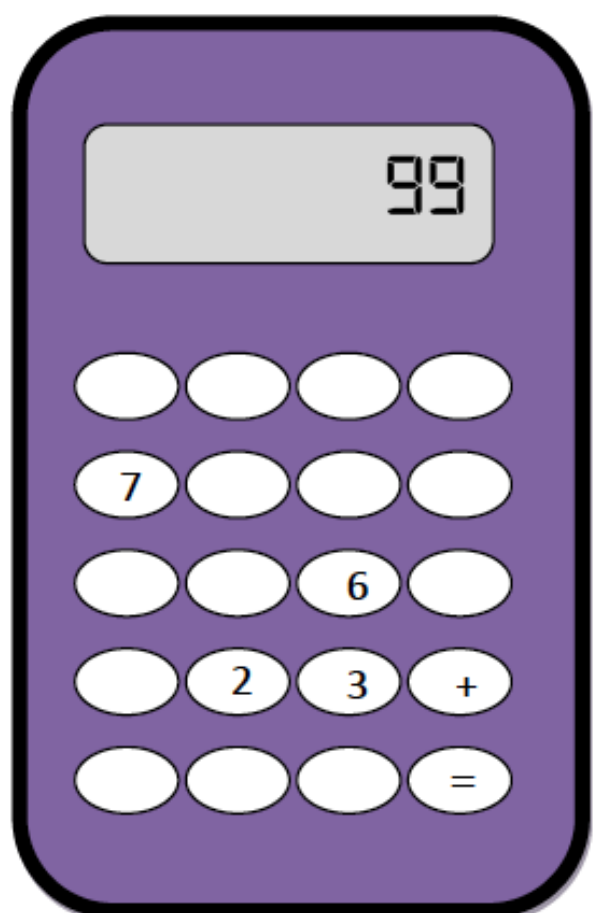
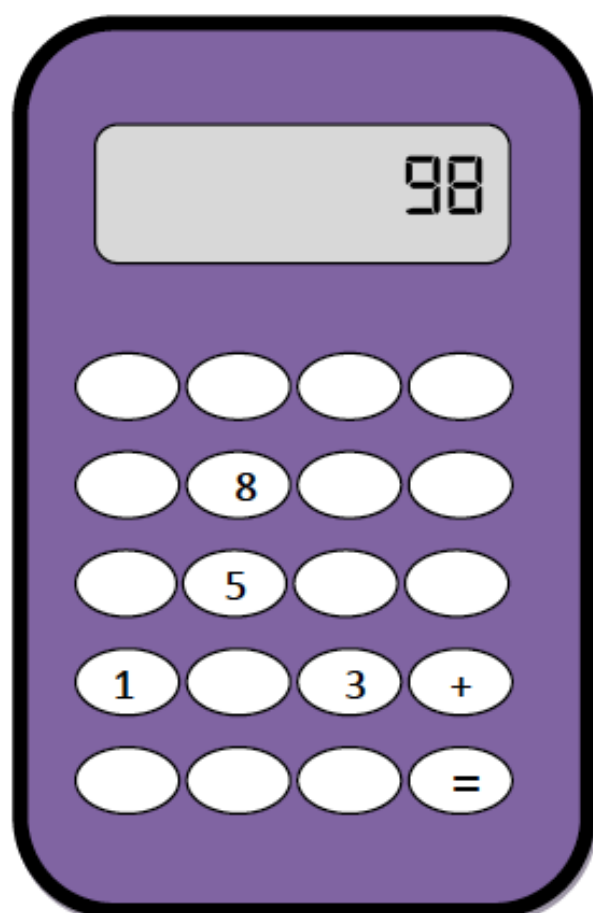
Use each number on the card
once only



CALCULATOR PUZZLES

Use ALL of the digits and symbols shown on each calculator card to equal the number show in the display. Use each digit once only





TANGRAM

Use the shapes to build a square

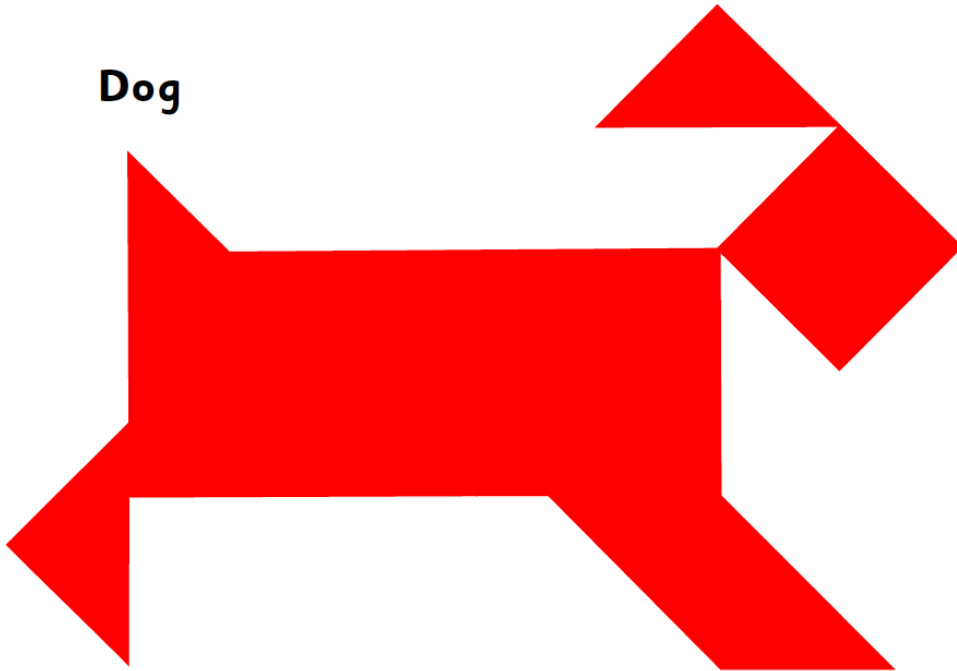
Additonal activities

- Create a TRIANGLE using EXACTLY 2 pieces**
- Create a SQUARE using EXACTLY 2 pieces**
- Create a PENTAGON using EXACTLY 3 pieces**
- Create a triangle using EXACTLY 3 pieces**

TANGRAM

Use the shapes to build these:

Dog



Cat

