

Super Symmetry

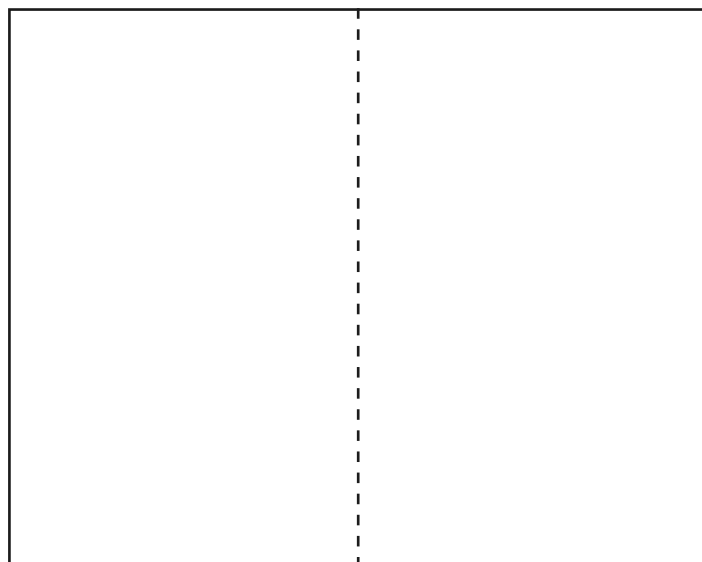
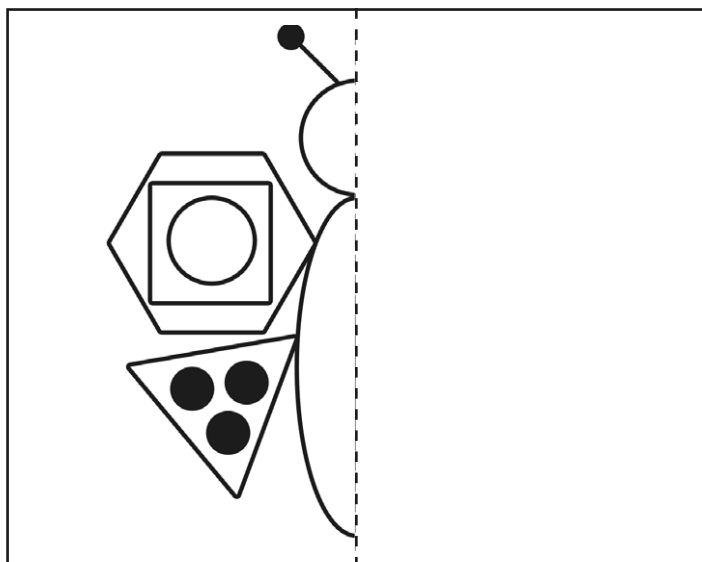
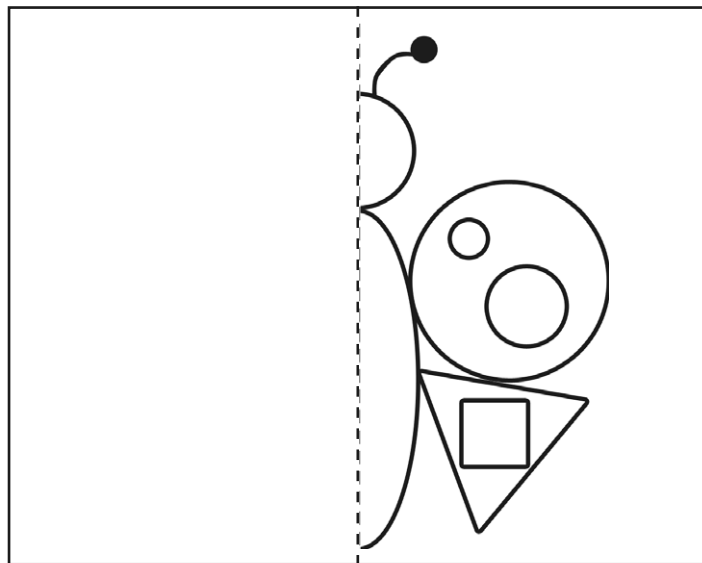
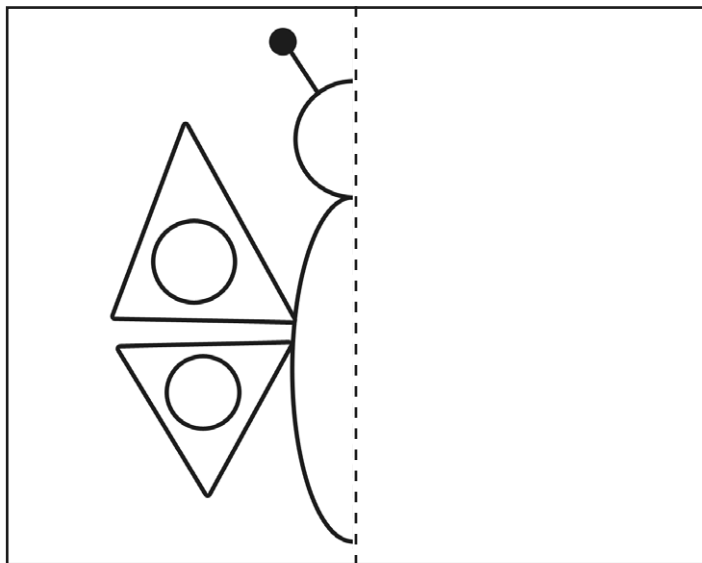
Amazing Fact

$$111\ 111\ 111 \times 111\ 111\ 111 = 12\ 345\ 678\ 987\ 654\ 321$$

Challenge

Did you notice that the numbers which make up the answer were symmetrical?

Can you complete the symmetrical butterflies below? Create your own in the last box.



You could also try to find out:

- what other symmetrical or unusual mathematical facts exist;
- what happens when you add more 1s to the calculation;
- which numbers have the most unusual properties.