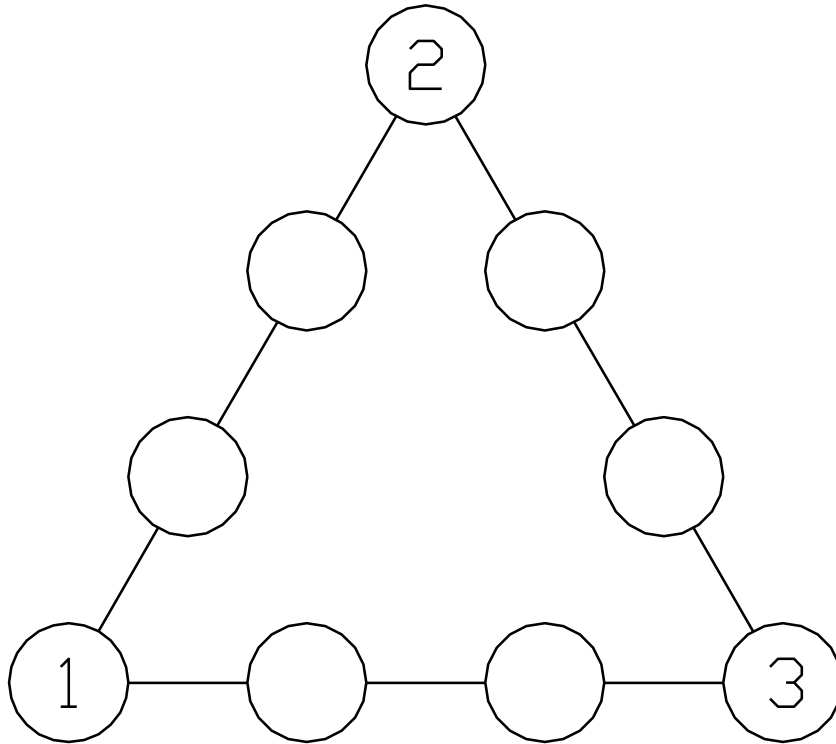


Student Handout Math Puzzles

Puzzle 1

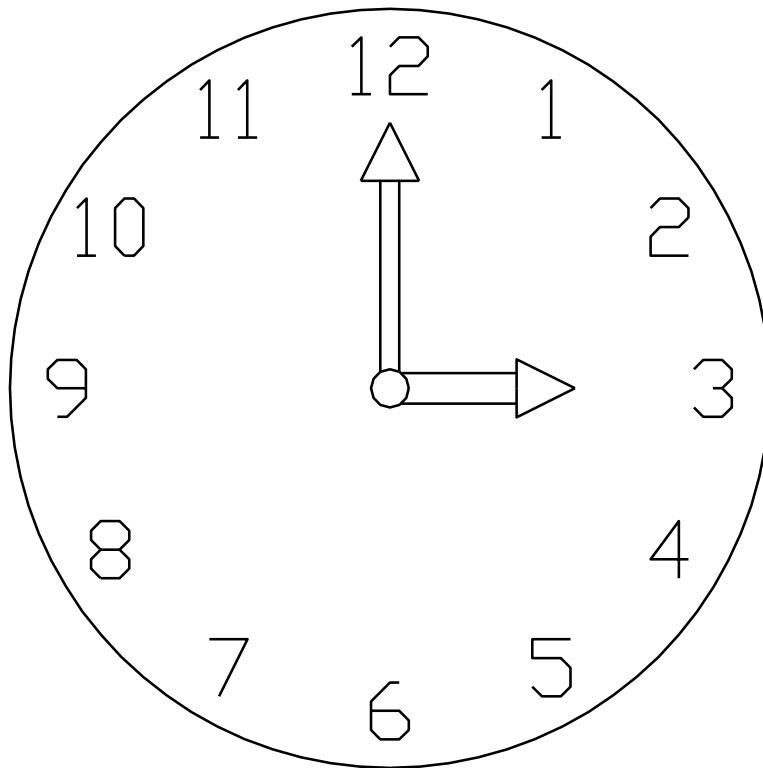
Place the numbers 1 through 9 in the circles around the triangle so that the numbers along any side add up to 17. The first three numbers have been done for you.



Math Puzzles cont'd

Puzzle 2

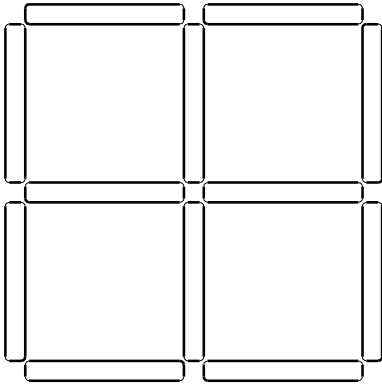
Draw two straight lines across the clock face so that the numbers in each part add up to the same amount.



Student Handout Stick Puzzles

Puzzle 1

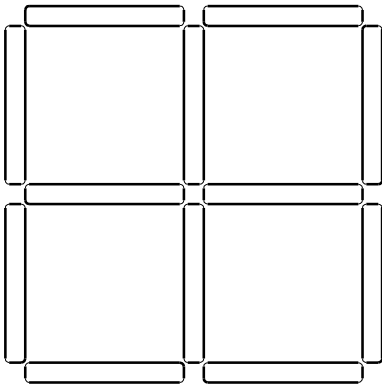
Start with the sticks like this:



Move three sticks to make three squares, all the same size.

Puzzle 2

Start with the sticks like this:

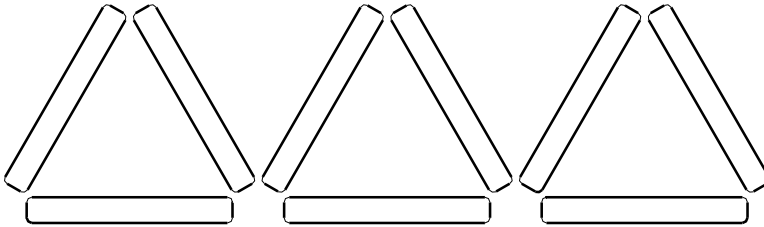


Move four sticks to make three squares, all the same size.

Stick Puzzles cont'd

Puzzle 3

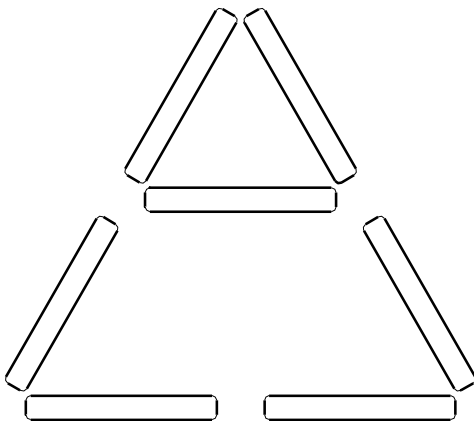
Start with the sticks like this:



Move three sticks to make five triangles.

Puzzle 4

Start with the sticks like this:



Move two sticks to make three triangles, all the same size.

Student Handout Logic Puzzles

Five-Minute Timer

If you have a three-minute sand timer and a four-minute sand timer, how can you measure five minutes?

Counterfeit Coin

You have been given a bag of 24 coins. One of the coins in the bag is counterfeit. The rest of the coins are made of gold. The counterfeit coin is made of a metal that looks like gold, but is not as heavy as gold. Using a balance scale only, what is the least number of weighings you would need to tell which is the fake coin?

Student Handout Tracing Figures

Try to trace each of the figures shown below, without lifting your pencil and without tracing any line twice. Which ones are impossible?

Figure 1

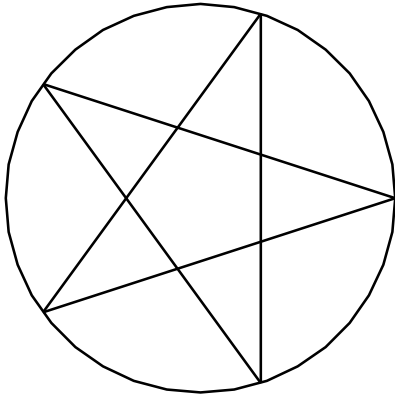
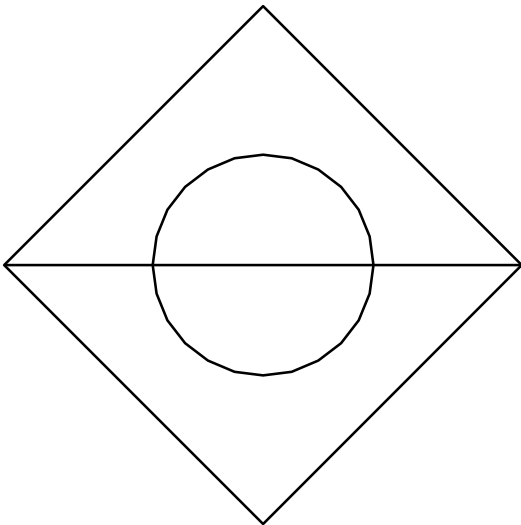


Figure 2



Tracing Figures cont'd

Figure 3

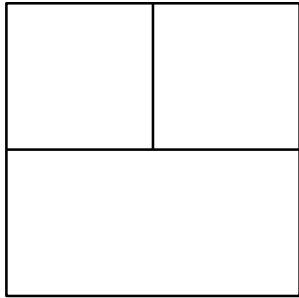


Figure 4

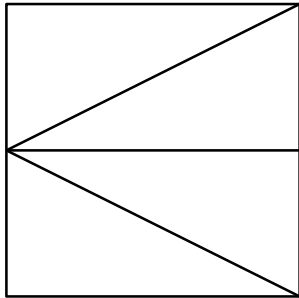


Figure 5

