

## Get Into Shape!

Give your brain a workout with the following puzzles! First cut out the tangram and paste it onto tagboard. Then cut apart the seven individual pieces that make up the tangram. Follow the directions below to make the shapes. Draw and label your solutions on another sheet of paper.

1. Use 2 pieces to make a triangle worth 10 points.
2. Use 2 pieces to make a square of 9 points.
3. Use 2 pieces to make a trapezoid worth 10 points.
4. Use 3 pieces to make a 12-point rectangle.
5. Use 3 pieces to make a 16-point square.
6. Use 3 pieces to create a 15-point parallelogram.
7. Use 4 pieces to make a 14-point square.
8. Use 4 pieces for a rectangle that equals 18 points.
9. Use 4 pieces to make a square of 20 points.
10. Use 5 pieces to create a 25-point parallelogram.
11. Use 5 pieces to make a trapezoid of 25 points.
12. Use 5 pieces to make a 22-point rectangle.

**Bonus Box:** Use all 7 pieces to construct a rectangle. If the side of the square piece is 3 units, what is the perimeter of your rectangle?

