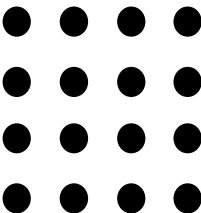
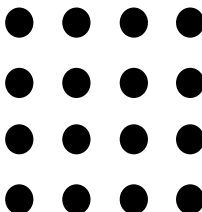
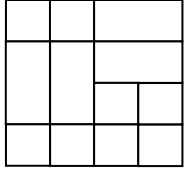


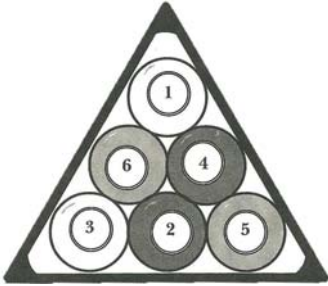
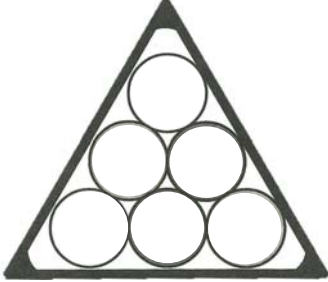


Team Bowl 8th grade

1.	A set of numbers consists of all <u>composite</u> integers from one to twenty, including one and twenty. What is the median of the set?	1. _____
2.	Using only six straight lines, and without lifting your pencil or retracing the lines, connect all of the sixteen dots below. 	2. 
3.	What is the sum of the three <u>smallest</u> positive integers and the two <u>largest</u> negative integers?	3. _____
4.	If the letters J, O, and E are arranged in every possible way, and listed in alphabetical order, what is the fifth arrangement?	4. _____
5.	What is the equation of the line containing the points (2,3) and (7,1)?	5. _____

6.	One skip = 4 hops, and 1 jump = 2 skips. How many hops are there all together in a hop, skip and jump?	6. _____
7.	<p>How many squares?</p> 	7. _____
8.	A square sheet of paper with side length eight inches is folded exactly in half to form a rectangle. What is the <u>ratio</u> of the number of inches in the <u>perimeter</u> of the rectangle to the number of square inches in the <u>area</u> of the original square?	8. _____
9.	Elena and Claire were helping the library. Their job was to place 500 books into 9 cartons. Book 1 went into Carton A, Book 2 went into Carton B, Book 3 went into Carton C, and so on. Into what carton did the girls place the 500 th book?	9. _____
10.	Six people are in a room. If each person bumps fists with every other person once, how many fist-bumps occur?	10. _____
11.	<p>The mathematical signs connecting the numbers in the equation below have been left out. <u>Using each sign only once</u>, place the signs between the numbers so that the final answer is 3. All operations are done in a <u>left-to-right</u> order.</p> $5 \square 2 \square 3 \square 5 \square 4 = 3$ <p style="text-align: center;">+ - × ÷</p>	3. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

12.	If Annie can smack four mosquitoes per minute and Tom can smack seven mosquitoes per minute, how many more minutes than Tom will Annie take to smack two-hundred twenty-four mosquitoes?	12. _____
13.	Alex the koala bear is climbing up a three hundred foot cliff-face. Every day, he goes up six feet, and every night he slides down two feet. How many nights does he spend on the cliff-face?	13. _____
14.	Farmer Sampson raises ostriches and llamas in his backyard. If there are twenty-one heads and sixty feet, how many llamas does Farmer Sampson have?	14. _____
15.	In a 10-team league, each team plays every other team exactly twice. Find the total number of games played in the league.	15. _____
16.	Robby deals himself two aces and two queens from a well-shuffled standard deck of cards. What is the probability that the next card dealt is either an ace or a queen?	16. _____
17.	If the point (7,13) is reflected over the y-axis, and then the x-axis, what are the coordinates of the resulting points?	17. (____, ____)

18.	<p>At a camp of two-hundred fifty students, one-hundred students devour dried mangoes, seventy-two students devour Red Vines, thirty-five students devour both. How many students devour neither Red Vines nor dried mangoes?</p>	18. _____
19.	<p>The pool balls below are positioned in a six-ball rack. If you add the values of any three-ball edge, you'll come up with ten. Rearrange the balls to make the sum of each side equal to.</p> 	<p>19.</p> 
20.	<p>What is the value of three factorial times four factorial divided by five factorial?</p>	20. _____