Answer Sheet for Student Name: _____

#	Answer	Points (0/1)
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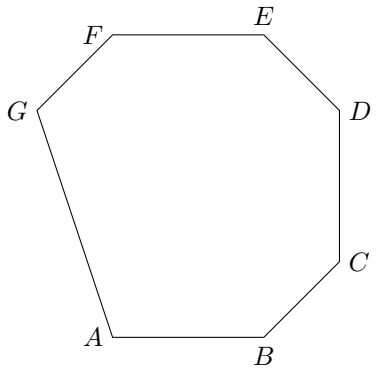
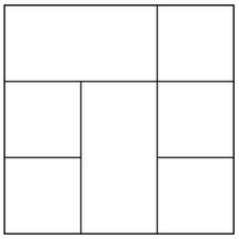
Total:

Problems

1. What is 10 – 9 + 8 – 7 + 6 – 5 + 4 – 3 + 2 – 1?
2. What is 259 x 11?



3. How many sides are in the shape above?
4. If Ellie can fit 10 bananas into one box, what is the smallest number of boxes she needs to carry 601 bananas?
5. Daniel has an issue with his vision: he always sees double of what there actually is. If he sees 34 circles drawn on a whiteboard, how many circles are actually drawn on the whiteboard?
6. What time is it 17 minutes after 6:55 PM?
7. What is the perimeter of rectangle ABCD if AB = 14 and BC = 7?
8. How many factors does 12 have?
9. If Iris has 9 toys and Brian has 3 toys, how many toys should Iris give him if Iris wants to have the same number of toys as Bob?
10. In the cities of Townsville and Clownsville, there are 20 students in each city. If each student in Townsville owns 1 calculator, and each student in Clownsville owns 3 calculators, how many more calculators are there in Clownsville than in Townsville?
11. What is the area of a square with side lengths $\frac{1}{2}$?
12. Ann, Bob, and Cam took the same math test today. Ann's score was 15 more than Bob's score, and Bob's score was 4 less than Cam's score. If Cam had a score of 21, then what was Ann's score?
13. Bob's Bouncy Ball™ bounces half of the height it falls from. If Bob drops his ball from a starting height of 32 feet, how many feet will his ball travel on the fifth bounce?



14. How many squares of any size are in the figure above?
15. Cam's Cool Computers™ cost $1.99 each. How many Computers can Andrew buy if he has 30 quarters, 20 dimes, and 10 nickels?

16. Henry is folding paper cranes. He can fold a paper crane in 10 minutes, but every 3 paper cranes he folds, she must go get more paper, which takes 15 minutes. How many cranes can he fold if he starts folding at 1:00 PM and stops folding at 2:35 PM?

17. Ben has blue, green, and yellow shirts. He also has blue and yellow pants. How many ways can Ben select a different outfit comprising of one shirt and one pair of pants?

18. Emily is bored and has 5 interesting ideas. If Henry has 22 interesting ideas and Wilbert has 13 interesting ideas, how many interesting ideas will Emily have if they share their ideas and Emily gets inspired, doubling her total number of ideas.

19. Daniel has 2 bags. Both bags have 1 white and 2 black balls in them. What is the probability of drawing a white from the first and a then black ball from the second?

20. Tessabell is trying to find the fifth prime number, but she accidentally counts multiples of 3 instead of prime numbers. What is the sum of the number she gets and the actual fifth prime number?

21. If Iris is running away from Andrew at 5 miles per hour and Andrew is running towards Iris at 10 miles per hour, and they are currently 20 miles apart, how many hours will it take Andrew to catch up to Iris?

22. What is the units digit of 11 x 11 x 11 x 11 x 11 x 11?

23. Grace can solve 15 math problems in an hour. Brian can solve 10 problems in an hour. Todd can only solve 5 problems in an hour. How many minutes would it take for them to solve 50 problems if they all work together?

24. The two largest sides of a right triangle are 13 and 12. Its perimeter is the same as the perimeter of a square. What is the length of each side of the square?

25. The math symbol β when used like x β y means x + 2y. For example, 2 β 1 = 4. Solve for x: (x β 2) β 2) = (2 β 1) β 4

Answers

1. 5
2. 2849
3. 8
4. 61
5. 17
6. 7:12 PM
7. 42
8. 6
9. 3
10. 40
11. $\frac{1}{4}$
12. 32
13. 1
14. 8
15. 5
16. 10
17. 6
18. 80
19. $\frac{2}{9}$ths
20. 38
21. 4
22. 1
23. 100
24. 34
25. 4