



GRADE 5 – WEEK 5 – MONTHLY TEST 1

Question 1: Mr. Zack has 89 apples. His friend has twice as many as Zack. His uncle has 56 more than his friend. What is the sum of their apples?

Answer:

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Question 2: What is the smallest even 4-digit number that the sum of the first digit and the last digit is 15 and the second digit is 5 more than the third digit?

Answer:

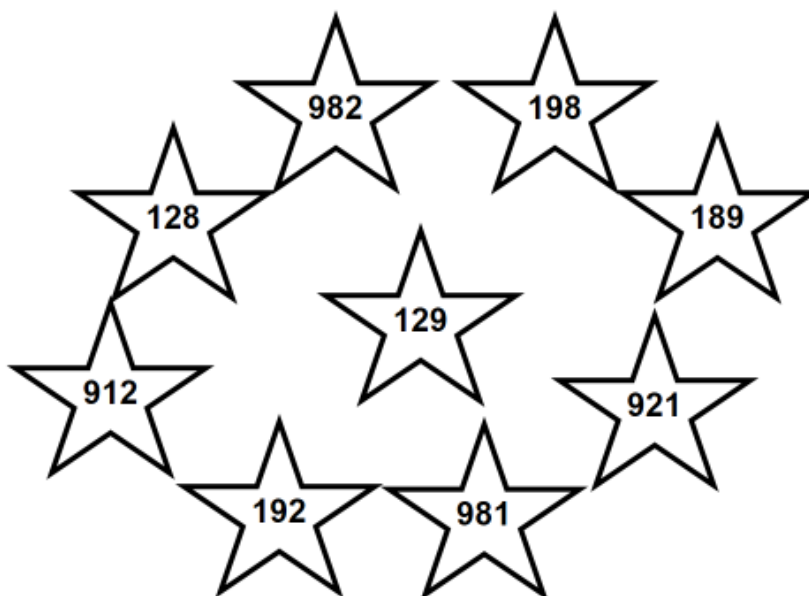
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Question 3: The mean of a set of numbers is 20. If one number is increased by 300, the mean increases to 35. How many numbers are in the set?

Answer:

.....

Question: 4: Answer these





- a. What is the greatest even number?.....
- b. What is the smallest odd number?.....
- c. What is the smallest even number?
- d. What is the greatest odd number?

Question 5: Mr. Zack pays \$24 for 16 apples. How much does he pay for 60 apples?

Answer:

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Question 6: Mr. Zack pays \$12 for 6 apples. A pen costs \$2 more than an apple. A pineapple costs \$3 less than the cost of 2 pens and 1 apple. How much does Zack pay for a pineapple?

Answer:

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Question 7: Mr. Donald Trump buys a new hat which costs him 30 dollars, but now he does not like it any more. He sells it to his friend for 20 dollars. His friend gives him a 50-dollar bill, so Mr. Trump has to give 30 dollars back to his friend. At the end of the day, he finds out that the dollar bill is fake (poor Mr. Trump!). How much money does Mr. Trump lose in total?

Answer:

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Question 8: A man and a woman were the only two people walking along a beach. “I’m a man,” said the one with black hair. “I’m a woman,” said the one with red hair. At least one of them was lying. What was the color of the woman’s hair?

Answer:

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Question 9: If the pattern continues, which animal is the 2018th animal?



Answer: _____

$$Z\Phi 312 = 243$$

$$Z\Phi 123 = 461$$

$$Z\Phi 221 = 422$$

$$Z\Phi 218 = ?$$

Question 10: A strange operator Z acts on numbers as follows:

What result does it produce when it acts on number 218?

Answer: _____