

Spring 2014

Noetic Learning Mathematics Contest

Grade 3



45 minutes • No Calculators allowed

Student Name: _____

For Teachers Use Only

Number of correct answers: _____

Score (Number of correct answers \times 5): _____

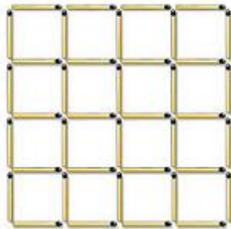
1) $2014 + 2014 + 2014 = ?$

Answer: _____

2) Blake is standing in the lunch line at his school. If you count from the front of the line, Blake is 18th in line. If you count from the back of the line, Blake is also 18th in line. How many people are there in the line altogether?

Answer: _____ people

3) Connor used matches to make the following grid. How many matches did he use altogether?



Answer: _____ matches

4) A school auditorium has 6 rows of seats with 20 seats in each row. Eighty-nine tickets have been sold for Saturday night's musical. How many more tickets need to be sold so that the auditorium will be full for the musical?

Answer: _____ tickets

5) Robby weighs 9 pounds less than Pete. Pete weighs twice as much as Jacob. Jacob weighs 56 pounds. How much does Robby weigh?

Answer: _____ pounds

6) Max eats two cookies three times a day. How many cookies does Max eat in one week?



Answer: _____ cookies

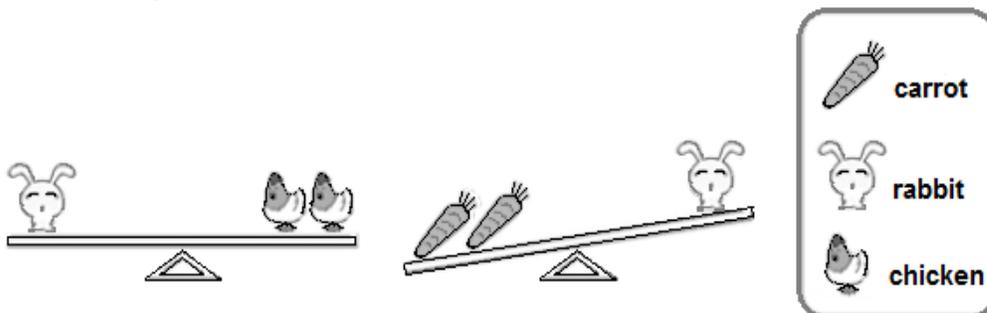
7) There are 9 sheep on George's farm. There are three times as many pigs as sheep on the farm. The number of chickens on the farm is equal to the number of pigs plus the number of sheep. How many chickens are there on George's farm?

Answer: _____ chickens

8) A deck of cards contains 34 cards. A second deck of cards contains 18 cards. How many cards should we take from the first deck and move to the second deck so that both decks will have exactly the same number of cards?

Answer: _____ cards

9) According to the following two balance scales, which one (a carrot, a rabbit or a chicken) weighs the least?



Answer: a _____

10) Elaine is 9 years old and her father is 35 years old. In how many years, will the total of Elaine's age and her father's age be 60?

Answer: _____ years

11) Jacob sold 18 more magazine subscriptions than Hunter during their chess club fundraiser. Together, they sold 50 subscriptions. How many subscriptions did Jacob sell?

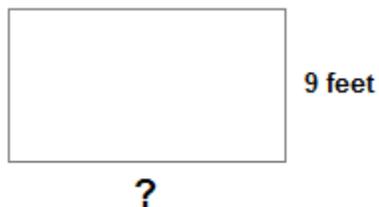
Answer: _____ subscriptions

12) A vending machine accepts only dimes and nickels. A packet of gum costs 45 cents. Matthew has one dime and many nickels. If Matthew uses his only dime, how many nickels will Matthew need to buy a packet of gum?



Answer: _____ nickels

13) The perimeter of a rectangular swimming pool is 46 feet. The swimming pool is 9 feet wide. What is the length of the swimming pool?

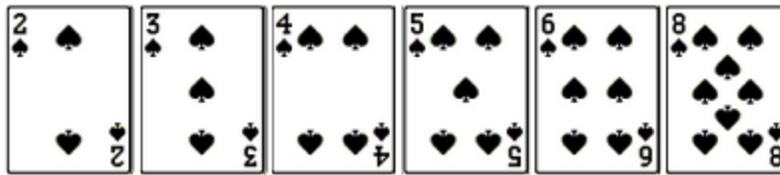


Answer: _____ feet

14) Two-thirds of Mrs. Gisele's students went to the playground. The remaining 7 students stayed inside. How many students does Mrs. Gisele have altogether?

Answer: _____ students

15) Alex, Brianna, David, Evelyn, Lori and Samuel are playing a card game. Each player is holding one card. The six cards that they are holding are shown below. Alex's number is twice as much as Samuel's and three times as much as David's. Lori's number is twice as much as Evelyn's. What number is on Brianna's card?



Answer: _____

16) There are 24 socks in a drawer. Eight of them are white, six of them are black and the remaining socks are blue. Without looking, what is the fewest number of socks you need to take out of the drawer to guarantee that you have at least two blue socks?

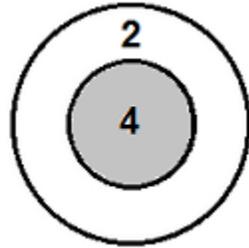
Answer: _____ socks

17) Lauren decorated her 18-page scrapbook. She put stickers on 16 of the pages and ribbons on 9 of the pages. At least how many pages have both stickers and ribbons?



Answer: _____ pages

18) Logan is playing darts. He threw 7 darts. All of them hit the dart board on either the white ring or the shaded circle. He scored 4 points for each dart that hit the shaded circle and 2 points for each dart that hit the white ring. If he scored a total of 20 points, how many darts hit the shaded circle?



Answer: _____ darts

19) Emily has 2 dolls and 4 dresses as shown below. How many different ways can Emily dress her 2 dolls if she puts one dress on each doll?



Answer: _____ ways

20) Five basketball players scored a total of 15 points in a game. Each player scored at least one point, and each player scored a different number of points. Lucas was the player who scored the most points. How many points did Lucas score?

Answer: _____ points

~ The End ~