

SOUTH DAKOTA SOUTH DAKOTA SOUTH DAKOTA
Counts Counts Counts

1. Five different varieties of flowers are growing in the garden: carnations, roses, mums, marigolds, and lilies. Peter and Juanita are responsible for picking flowers and arranging them in vases to sell. They use three different types of flowers in each vase. For example, one vase might contain roses, carnations, and lilies. How many different combinations can be made from the five varieties of flowers?
2. David, Jenny, and Dan went to the arcade on Wednesday. David spent \$3.25. Jenny spent \$2.25 more than Dan, who spent \$1.75 less than David. How much did they spend in all?
3. The game Raceway allows you to earn 125 points for each car you pass during the race. When James played Raceway, he passed 27 cars. How many points did he earn for passing the cars?
4. During the fifth-grade camping trip, nine students can sleep in each cabin. All boys and all girls must sleep in each cabin. If there are 70 boys and 76 girls in the fifth grade, how many cabins will be needed to house all of the students?
5. The boys' cabins are all shaped with a rectangular prism on the bottom and a triangular prism on the top. The girls' cabins are all shaped with a rectangular prism on the bottom and a rectangular pyramid on the top. Draw the shape of each cabin.
6. After school, Marcy can start walking dogs by 3:15 p.m. She wants to be done walking the dogs by 6:00 p.m. so she can get home in time for dinner. If she schedules each dog walk for a half hour and then allows herself fifteen minutes between each walk to get to the next house, how many dogs can she walk before dinnertime?
7. Marcy can walk 12 blocks in 5 minutes. If each block is about 50 feet long, how many feet will she walk during the 30 minutes that she walks each dog?
8. Marcy charges \$3 to walk a small dog and \$5 to walk a big dog. If Marcy walks 15 small dogs and 6 big dogs, how much money will she make?
9. Jimmy read half the amount of time that Heather read. Heather read only one-fourth the time that Connor read. Connor read twice as long as Laura. If Laura read for 2 hours, how long did Jimmy read?
10. Tanner read 14 books during the month. Marissa read 26 books during the month. Lori read 18 books during the month. Scott read 22 books during the month. What was the average number of books read by these four students during the month?
11. Six books stand on the bookshelf. The widths of the books are 1.2 cm, 0.8 cm, 2.4 cm, 1.9 cm, 1.5 cm, and 2.3 cm. What is the total width of the six books on the bookshelf?
12. There are three children in the Shelley family, and they have been saving their summer money to purchase a new computer. To be able to afford the new computer, they are going to split the cost among the three of them. If the entire system costs \$2,172, how much will each person have to contribute?
13. Max and his friends played miniature golf at the new Goofy Golf. Max completed the west section in 35 minutes and the east section in 41 minutes. Jordan finished the west section in 37 minutes and the east section in 42 minutes. Gerardo finished the west section in 29 minutes and the east section in 45 minutes. Who finished both the sections in the fastest time?
14. Marissa got the following scores for the first 18 holes of miniature golf: 3,4,2,1,4,4,2,3,4,3,2,1,2,3,3,5,4, and 3. If par for the first 18 holes is 45 strokes, is Susie's score total over, under, or equal to par?
15. The distance from the starting point to the hole on the first green is 108 inches. The distance on the second green to the hole is 4 yards. On the third green, the distance to the hole is 13 feet. Which of the first three greens has the longest distance to the hole?

16. Platte Elementary is considering starting a school garden. If each class wants to tend twelve square feet of garden and there are 27 classes, what would be the total size of the garden?

17. One area of the school garden is a rectangular-shaped plot that is 13 feet long. If the fence that surrounds the garden is 38 feet long, what is the width of the garden?

18. Mrs. Smith's class was getting ready to plant tomatoes. They were wondering if each package of tomatoe seeds contained the same number of seeds. They counted the seeds in four packages and found that there was an average of 73 seeds in the packages. The first three packages contained 78, 71, 74 seeds, respectively. How many seeds were in the fourth package?