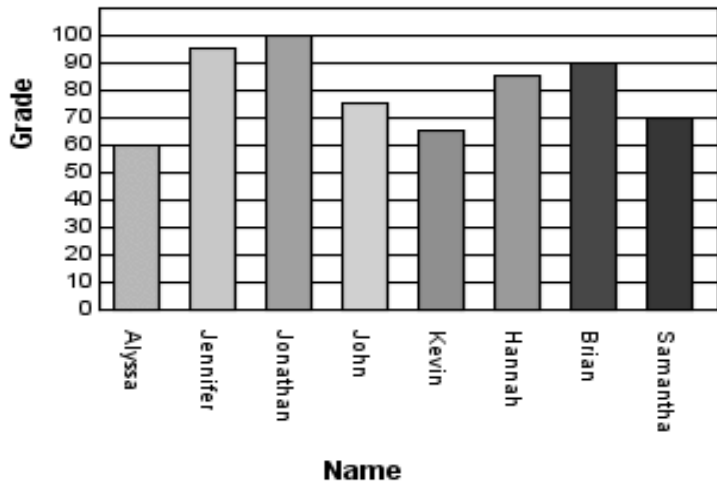


MIXED REVIEW - VERSION B

ANSWERS

USE THE GRAPH TO ANSWER THE QUESTIONS.



- What is the range of the data provided?
40
- What is the mean grade of the data?
80 $(60+95+100+75+65+85+90+70)/8$ STUDENTS
- Who received the highest score and what was it?
Jonathan - 100

ORDER FROM LEAST TO GREATEST.

- $\frac{1}{3}$, 0.6, $\frac{3}{4}$, 0.41
- 0.41, $\frac{1}{3}$, 0.6, $\frac{3}{4}$
- 0.76, $\frac{4}{5}$, 0.09, $\frac{7}{8}$
- 0.09, 0.76, $\frac{4}{5}$, $\frac{7}{8}$
- $\frac{1}{2}$, 0.45, $\frac{3}{7}$, 0.409
- 0.409, $\frac{3}{7}$, 0.45, $\frac{1}{2}$

SOLVE THE WORD PROBLEMS.

7. Sean is building a new wall for his uncle's yard. The yard is 20 meters long by 10 meters wide but the house already encloses 30 meters of the yard. His uncle wants the wall to be 3 meters high. If each brick is a cube, 0.3 x 0.3 x 0.3 meters, how many bricks will Sean need?

20+20+10+10 = 60 m yard-30 m for house = 30 m wall.
30 m / 0.3 = 100 bricks to go around yard.
Wall is 3 meters high, so 3 m / .03 = 10 bricks high.
10x100 = **1,000 bricks for wall.**

8. Frank needs to make 88 cookies for his mother's birthday party. His oven can hold two trays. Each tray can hold one dozen cookies. How many times will he need to use the oven?

2 trays x 12 cookies = 24 cookies each bake.
88 divided by 24 = 3 R16, so he needs to bake **4 times.**

WHAT IS THE NUMBER?

- Ten less than 7 times a number is 25. What is the number? $n=5$
- The difference between a larger number and 45 equals 63. What is the number? $n=108$
- A number squared added to 34 is 70. What is the number? $n=6$

FILL IN THE BLANK TO COMPLETE THE EQUATION.

12. 582 + 5,678 + 803 = 7,063

13. 8,035 - 3,912 - 3,179 = 944

14. 6,341 - 4,035 + 437 = 2,743

LIST THE FACTORS.

15. 14
1, 2, 7, 14

16. 81
1, 3, 9, 27, 81

17. 42
1, 2, 3, 6, 7, 14, 21, 42

18. 16
1, 2, 4, 16

19. 50
1, 2, 5, 10, 25, 50