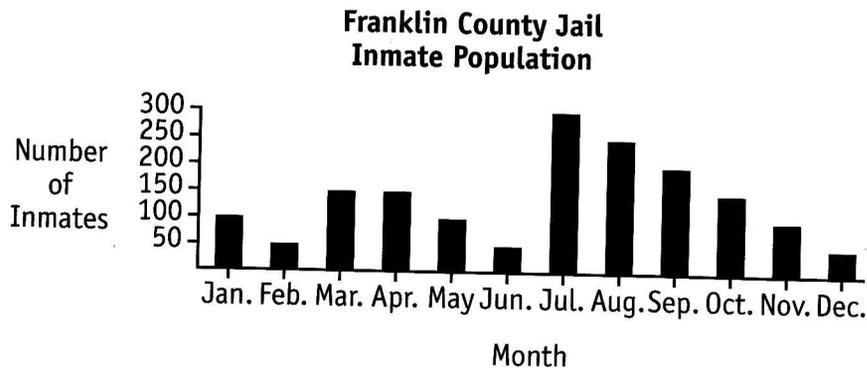


Mixed Review

Choose the correct answers for the following problems.

Problems 1–3 refer to the following graph.



- WN** 1. What was the average number of inmates at Franklin County during the first half of the year?
- a. 600 b. 300 c. 200 d. 100 e. 50
- WN** 2. In February, how many Franklin County inmates were charged with drug offenses?
- a. 5 b. 10 c. 25 d. 50 e. not enough information given
- P** 3. A total of 69% of the Franklin County inmates in July were repeat offenders. Which expression shows the number of repeat offenders in July?
- a. $0.69(100)$ d. $0.69 + 300$
 b. $300 - 0.69(300)$ e. $0.69(300)$
 c. $0.69 \div 300$
- D** 4. Your car's gas tank can hold 14 gallons of gas. The gas gauge measures $\frac{1}{2}$ full. About what will it cost to fill up the tank if gas costs \$1.17 per gallon?
- ?** a. \$.80 d. \$32
 b. \$8 e. not enough information given
 c. \$16

- F** 5. Rafael has $6\frac{1}{2}$ more hours to work today. He worked 9 hours yesterday and 10 hours the day before. What more do you need to know to find the total hours Rafael worked in the 3 days?
- his hours per week
 - his wages per hour
 - the hours he has already worked today
 - his average daily hours
 - the time he got to work today
- P** 6. Of the 4,450 residents of Honeysuckle Hill, 40% say they will vote for Matthew Locke for mayor and 30% say they will vote for Gary Meyers. The rest of the residents are undecided. Which expression shows the number of undecided residents?
- $4,450 + 0.70(4,450)$
 - $4,450 - 0.70(4,450)$
 - $4,450 - 0.1(4,450)$
 - $4,450 + 0.4(4,450)$
 - $4,450 - 0.4(4,450)$
- P** 7. Pantsuit Heaven took 30% off everything in stock last weekend. Which of the following expressions shows the amount of money Naomi paid for a pantsuit that was originally priced at \$59.99?
- $\$59.99(0.30)$
 - $\$59.99 + 0.30(\$59.99)$
 - $\$59.99 - .30$
 - $\$59.99 - 0.30(\$59.99)$
 - $\$59.99/30$
- P** 8. Bill wants to buy the least expensive cereal he can find. Based on the information below, which should he buy?
- Cereal A: \$1.98, minus a 30¢ coupon
Cereal B: \$2.09, minus a 35¢ coupon
Cereal C: \$2.20, minus a 10% store discount
Cereal D: \$1.69
Cereal E: \$2.25, including a 35¢ discount on a box of doughnuts
- A
 - B
 - C
 - D
 - E
- P** 9. A new can of roach killer is advertised as containing 25% more spray for the regular price of \$3.39. If the previous can contained 28 ounces of spray, how many ounces does the new can hold?
- 4
 - 4.24
 - 7
 - 35
 - 53
- M** 10. How many 6-inch-long pieces of wood are needed to cover 1 yard of garden border?
- $\frac{1}{2}$
 - 5
 - 6
 - 7
 - not enough information given