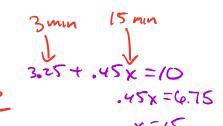
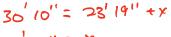
$$M_{s}^{2} = \frac{\sum_{s}^{5}}{5}$$

$$G'Z'' = \frac{S'8''+G'0''+G'S''+G'G''+x}{5}$$

$$30'' 10'' = 23' 19'' + x$$
Orientation Exercises 7





7 -91' = X
6'3'' = X
The average height of 5 basketball players at South High School is 6 feet 2 inches. If four of these players have heights of 5' 8", 6' 0", 6' 5", and 6' 6", how tall is the fifth player?

- 5'10"
- 6'2" D.
- 5'11" B.
- 6'3"
- C. 6'1"

There are 6 blue, 8 green, 5 red, and 10 yellow marbles in a bag. If a marble is picked from the bag at random, what is the probability that it will be green or red?

C. 
$$\frac{13}{29}$$
 | Yrol(3 or r) =  $\frac{13}{29}$  =  $\frac{13}{29}$ 

3. Wendy bought a wallet for \$16.99, a key case for \$10.95, and a duffel bag for \$15.99. Including a sales tax of 5%, what was the total bill?

- A.
- B.
- C.

4. When the bus fare increased from 50¢ to 60¢, it represented a percent increase of

- 10%
- $16\frac{2}{3}\%$



5. During a sale of computers, one-fourth of the inventory was sold the first day. The next day two-thirds of the remaining inventory was sold. What percent of the total inventory was sold during the second day?

- C.

Remains = 
$$\frac{3}{4} \left( \frac{2}{3} \right) = \frac{6}{11}$$

6. A long distance telephone call from Center City to Smithville costs \$3.25 for the first 3 minutes and \$0.45 for each additional minute. How many minutes can a person talk if the cost of the call is to be \$10.00?

- 15 A.
- В. 16 C. 17

Charles earns \$98 in 2 days. At the same rate of pay, how much will he earn in 5 days?

- \$196 D. \$294
- A. \$235 B\_ \$245
- E. None of the above



The Lane family drove 150 miles in 3 hours. Traveling at the same speed, how long will it take them to go an additional 250 miles?

- 4 hours 5 hours  $5\underline{1}$  hours
- D. 6 hours

An iPod sold for \$300, which was 200% of the actual cost. What was the actual cost?

- \$150
- 300 = 2 x D. \$500
- B. \$450
- E. \$600
- \$350

10. The probability of an event occurring is 21%. What is the probability of the event not occurring?

- 89% Α.
- D. 0.47%
- B. 12%
- E. 99%