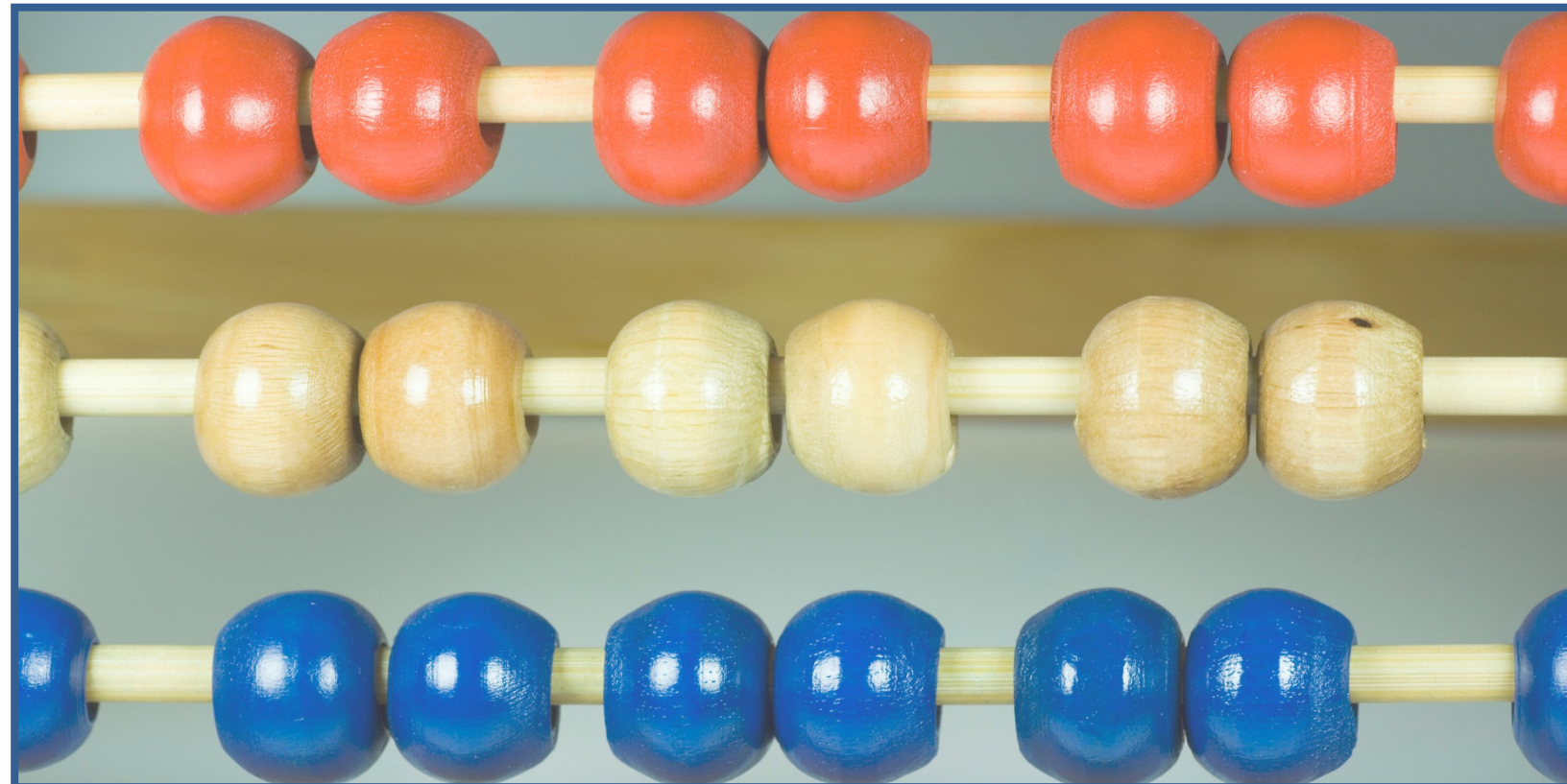




Math
Level D



SAMPLE TEST ITEMS

CASAS - Comprehensive Adult Student Assessment Systems
5151 Murphy Canyon Rd., Suite 220, San Diego, CA 92115 858.292.2900

www.casas.org

DIRECTIONS

1. Mark your answers only on the answer sheet. Please do **not** write in the test booklet. Use scratch paper to do your work if needed. Use number 2 pencil only.
 2. Try to answer the question. Choose the **one** best answer. If you want to change an answer, be sure to erase the first mark completely. If you don't know an answer, you can go to the next question. Follow the numbers carefully.
 3. You may not use a calculator.
-

Practice 1

AUTO SALES		
July	Aug.	Sept.
100	105	

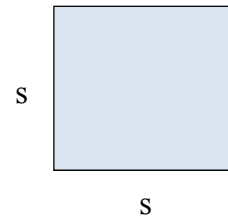
By what percentage did sales increase from July to August?

- A. 1%
- B. 5%
- C. 10.5%
- D. 105%

➔

PRACTICE QUESTIONS	
1	<input type="radio"/> A <input checked="" type="radio"/> B <input type="radio"/> C <input type="radio"/> D
2	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D

Practice 2



The formula for the area of a square is $A = s^2$. Which expression is equivalent to s^2 ?

- A. $\frac{s}{2}$
- B. $2s$
- C. $4s$
- D. $s \times s$

➔

PRACTICE QUESTIONS	
1	<input type="radio"/> A <input checked="" type="radio"/> B <input type="radio"/> C <input type="radio"/> D
2	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D

1. $18\frac{5}{8} - 9\frac{1}{2} =$

- A. $9\frac{1}{8}$
- B. $9\frac{1}{4}$
- C. $9\frac{4}{6}$
- D. $9\frac{5}{4}$

Warmer air moved into the city last night, raising the temperature from a low of -7° overnight to a high of 19° this morning.

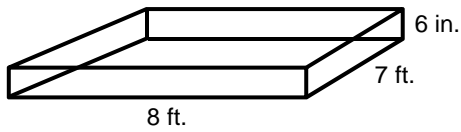
2. What was the total increase in temperature?

- A. 12°
- B. 16°
- C. 26°
- D. 29°

Number of Production Workers	Average Total Units Produced Daily
7	113
	200

3. Corwell Inc. wants to increase production of a new product. The chart above shows the number of units their current staff produces. At this rate, what is the minimum number of workers they would need to produce at least 200 units daily?

- A. 11
- B. 12
- C. 13
- D. 14



4. Cheryl is planning a garden that will be 8x7 feet. She wants it to be raised by 6 inches. How many cubic feet of topsoil will she need to add?
- A. 28
 - B. 54
 - C. 168
 - D. 336

5. A shoe store is going out of business. All shoes were marked half off and are now an additional 20% off the sale price. Given a shoe's original price P , which of the following equations shows the final price F ?
- A. $F = 0.20(P/2)$
 - B. $F = 0.30(P)$
 - C. $F = 0.70(P)$
 - D. $F = 0.80(P/2)$