MATH113lec01

Name:

For #1-4, add/subtract/multiply/divide the following signed numbers.

1. $-7 + 2 =$ 5
2. $-7 \times 2 =$ -14
3. $-7 \div 2 =$ _____
4. $-7 - 2 =$ 9

For #5-7, round the number 5.09549 to the tenths, hundredths, and thousandths place.

5. Tenths 5.00000 6. Hundredths 5.09000 7. Thousandths 5.09500

For #8-9, solve the following formulas when b = −7, h = 3, and L = 15:

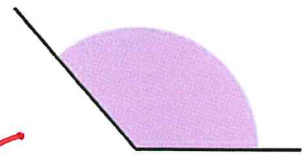
8. $A = \frac{1}{2}bh$ _____

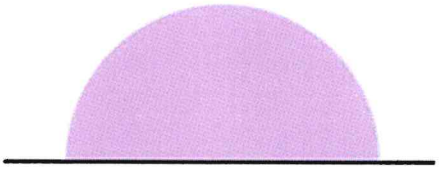
9. $S = L + 2h$ $S = 21$

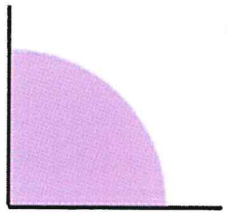
$S = 15 + 2 \cdot 3$

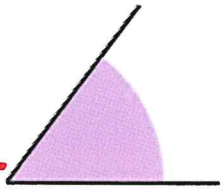
$S = 15 + 6$

For #10-13, determine if the angle is acute, obtuse, right, or straight.

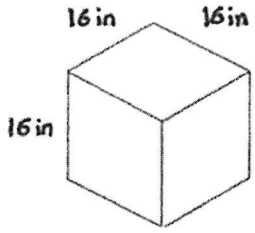
10.  Acute

11.  Straight

12.  right

13.  Obtuse

For #14-15, choose the correct answer.



Find the volume of the figure above.

A) 256 in^3 B) 4096 in^3 C) 48 in^3 D) 1536 in^3

Find the total surface area of the figure above.

A) 256 in^2 B) 1536 in^2 C) 4096 in^2 D) 1536 in

14. C 15. _____