

PRACTICE –Mini Lesson #1 (Math 7 PLUS)
Variables, Expressions – Writing, Simplifying, Evaluating

- Write a variable expression for each word phrase.

1) 14 divided by m _____

2) the sum of 3 and k _____

3) g less than 25 _____

4) the number of hours in d days _____

5) the number of dozens in e eggs _____

- Simplify each expression. Show work and box in your simplified answer.

6) $5[9 \div (6 - 3)] - 10$

7) $2 + 24 \div 8 \cdot 5$

8) $16 + \frac{10+6}{2 \cdot 4}$

9) $(8 \div 8 + 3 \cdot 11) \div 2$

10) $3[8 - 3 \cdot 2 + 4(5 - 2)]$

- Evaluate.

11) $7ab$, for $a = 2$ and $b = 4$

12) $j(5 + k)$, for $j = 4$ and $k = 6$

13) $\frac{ab}{2} + 4c$, for $a = 6, b = 5, c = 3$

14) $x(y + 5) - z$, for $x = 3, y = 2, z = 7$

15) $\frac{x-y}{4} + (x - 6)$, for $x = 52$ and $y = 12$

- Write an expression you could use to find the area of the shaded figure. Find the area.

16) Expression _____

17) Area _____

