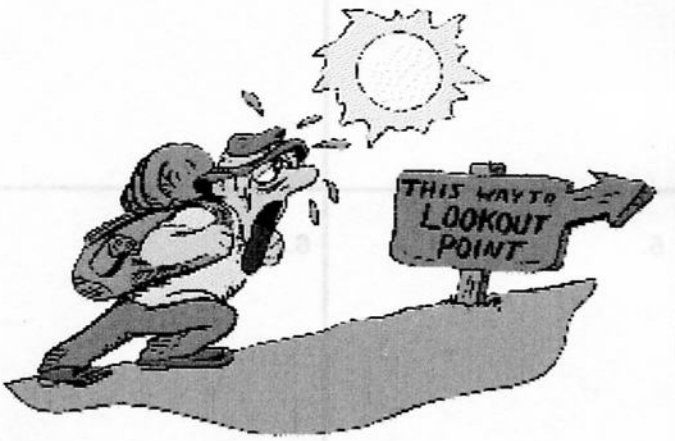
Lesson #75

1. A triangle has a base of 7 meters and a height of 6 meters. What is the area of the triangle?



2. $\frac{-565}{-5} = ?$

3. $45 - 5 \cdot 6 + 7 - 2 = ?$

4. Solve for x. $x + 12 = -44$

5. Simplify. $\frac{10x^3y^2}{15xy}$

6. When $x = 6$ and $y = 2$, evaluate $\frac{xy}{3} + 5x$.

7. A six-sided polygon is a(n) _____.

8. Solve for a. $\frac{1}{7}a + 3 = 15$

9. Identify the true statement. a) $\frac{1}{4} < \frac{1}{2}$ b) $\frac{1}{4} = \frac{1}{2}$ c) $\frac{1}{4} > \frac{1}{2}$

10. $-5(-9) = ?$

11. Find the value of x. $4x - 2 = 10$

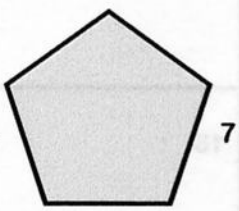
12. Combine like terms. $9x - 3y + 4 - 6x - 2y$

13. Round 476,813,241 to the nearest ten million.

14. What is the value of x? $\frac{x}{8} + 5 = 11$

15. $33 + (-24) = ?$

16. Calculate the perimeter of the pentagon.



17. Solve for x. $x + 3x - 7 = 29$

18. Write 62% as a decimal and as a reduced fraction.

19. Find $\frac{2}{9}$ of 72.

20. What value of w makes the equation true? $2(w + 8) = 22$