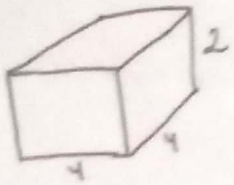
1)



$2 \cdot 4 \cdot 4 = 2y^2$

2) $-4x^2y^2z^2 + 15x^2y^2z^2 - 6x^2y^2z^2 = 5x^2y^2z^2$

$= -4x^2y^2z^2 + 15x^2y^2z^2$

$= 11x^2y^2z^2 - 6x^2y^2z^2$

$= 5x^2y^2z^2$

3) $9xz^3 + 7xz^3 - 5xz^3$

$= 9xz^3 + 7xz^3$

$= 16xz^3 - 5xz^3$

$= 11xz^3$

4) $(m^2+n^2)(m^2-n^2) = m^4 + n^2m^2 - n^4$

$$\begin{array}{r} m^2+n^2 \\ m^2-n^2 \\ \hline n^2m^2-n^4 \\ m^4+n^2m^2 \\ \hline m^4+n^2m^2-n^4 \end{array}$$

5) $[(m+n)(m+n)] - [(m^2+2mn+n^2)]$

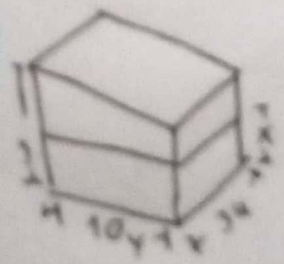
$= (m+n)^2 - m^2 - 2mn - n^2$

$= m^2 + 2mn + n^2 - m^2 - 2mn - n^2$

$= (m^2 - m^2) + (2mn - 2mn) + (n^2 - n^2)$

$= 0$

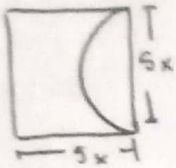
6)



$10y \cdot 34 \cdot x$

$340yx$

7.) $A = \pi r^2$



$A_c = 5x^2 \cdot 5x^2$

$A = 25x^2$

$A_c = r \frac{s}{2}^2$

$= \pi (\frac{5}{2})^2$

$= \pi \frac{25}{2} x$

$A_s = 12.5x^2 \frac{25\pi}{2} \times 2$

8.) $A \quad 11,2^2 - 8,8m^2$

$123.4 - 77.44$

$\sqrt{48}$

$= 6.92\ m$

$c^2 = 7a^2 + 76^2$

$c^2 = 5.241 + 7.216$

$c = \sqrt{12,457}$

$c = 124.3272.54$

$= 48.94$

✓

9.) $96 + 76^2$

$a,2 + 5.7$

$\sqrt{14.9}$

3.8

$96^2 - 76^2$

$a,2 + 5.7$

$\sqrt{35}$

1.8

$= 4.9$

$3.8 \times 2,54$

9.6

$= 4.8$

$a^2 = 2,4^2 + 2,8^2$

$a = 83,2$

$a = 9,12m$

como $a = 9,12m$

$a + 1m = 10,12m$

$11,2^2 = 10,12^2 + x^2$

$x = 48$

✓

10. $13^2 + 14^2$

$169 + 196$

$\sqrt{365}$

$= 19,1$