# Modelos Analíticos

## Evaluación

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# Transversal de gravedad

1. $A(\ 1,0\ )$
2. $B(\ 4,1\ )$
3. $C(\ 2,5\ )$
4. $D(\ 3,3\ )$
5. $d(A,B) = \sqrt{10} \sim 3.2cm$
6. $d(B,C) = 2\sqrt{5} \sim 4.5cm$
7. $d(C,A) = \sqrt{26} \sim 5.1cm$
8. $d(A,D) = \sqrt{13} \sim 3.6cm$
9. $d(D,B) = \sqrt{5} \sim 2.2cm$
10. $d(D,C) = \sqrt{5} \sim 2.2cm$

1. (ec. principal)
   $t_A : y = \frac{3}{2}x - \frac{3}{2}$
2. (ec. general)
   $t_A : -3x + 2y + 3 = 0$
3. $P_{\triangle ABC} = \sqrt{10} + 2\sqrt{5} + \sqrt{26} \sim 12.8cm$
4. $A_{\triangle ABC} = 7cm^2$