## Milestones



$$d = (x_2 \quad x_1)^2 + (y_2 \quad y_1)^2$$

 $A(x_1,y_1)$   $B(x_2,y_2)$   $bx_1 + ax_2 \quad by_1 + ay_2$ 

$$(x, y) = \frac{bx_1 + ax_2}{b+a}, \frac{by_1 + ay_2}{b+a}$$

$$(x, y) = (x_1 + \frac{a}{a+b}(x_2 \quad x_1), y_1 + \frac{a}{a+b}(y_2 \quad y_1))$$

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$$C = d \cdot C = 2 r$$

3.14

A 
$$t \stackrel{\uparrow}{:} = 0$$
  $t = 0$