Name _____

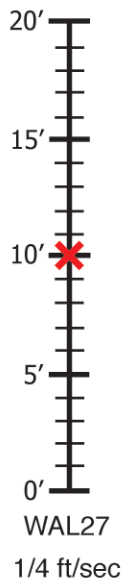
Answers

Student Assessment B

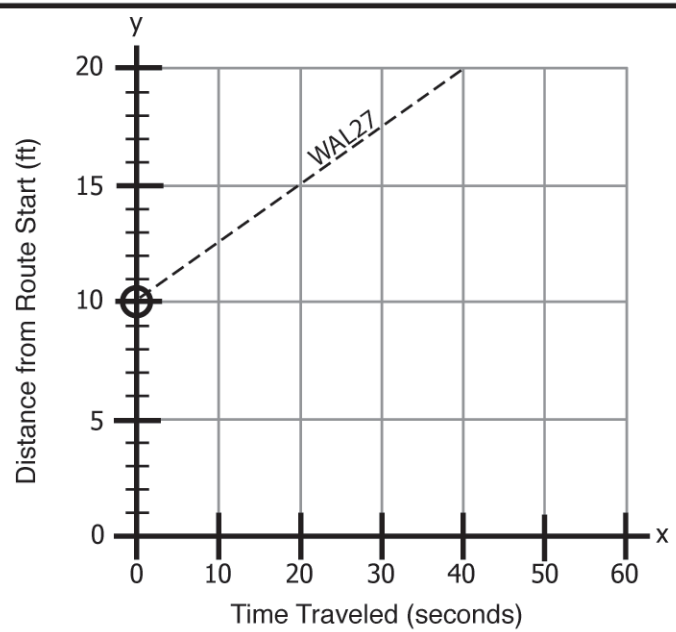
Analyzing the Starting Position of One Plane

1. Use the information given in the Graph Panel to do the problem below. You do ***not*** need to use the simulator.

Jet Route Panel



Graph Panel



Equation Panel

$y = m\,x + b$

WAL27

$y = 1/4\,x + \boxed{10}$

Jet Route Panel:

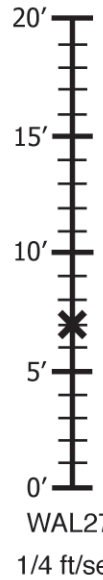
(a) Place an ✕ at the WAL27 starting position.

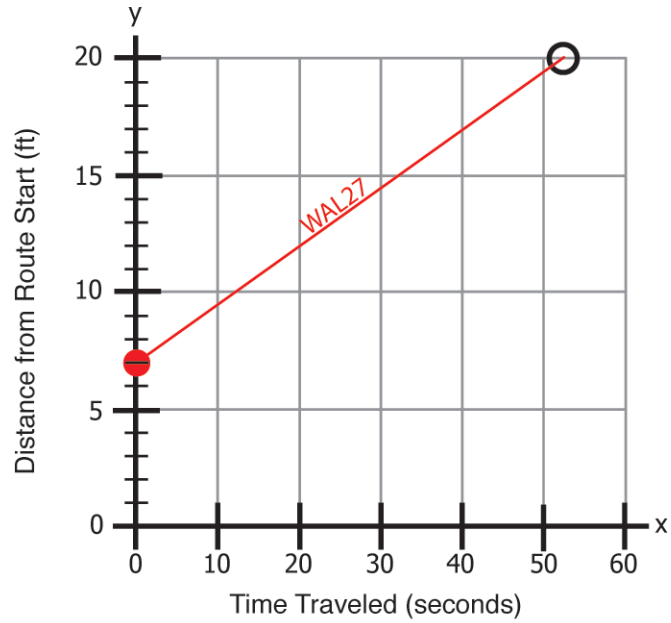
Equation Panel:

(b) Fill in the missing value in the WAL27 equation.

2. Use the information given in the Jet Route Panel to do the problem below. You do ***not*** need to use the simulator.

Jet Route Panel | **Graph Panel** | **Equation Panel**





$y = m\,x + b$

WAL27

$y = 1/4\,x + \boxed{7}$

Jet Route Panel: The WAL27 starting position is shown.

(a) What is the WAL27 starting position? 7 ft

Graph Panel: One point for the WAL27 line is shown.

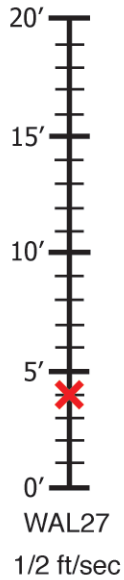
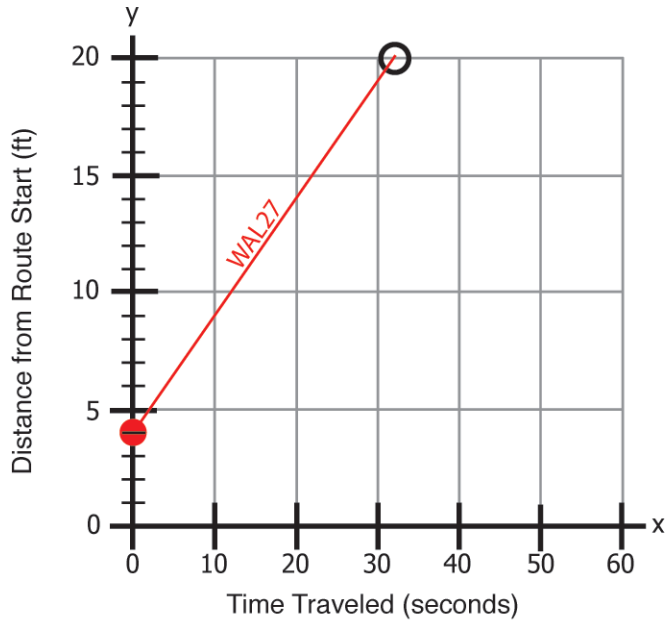
(b) Plot one more point (●) for the WAL27 line.

(c) Connect the two points to draw the WAL27 line.

Equation Panel:

(d) Fill in the missing value in the WAL27 equation.

3. Use the information given in the Equation Panel to do the problem below. You do ***not*** need to use the simulator.

Jet Route Panel	Graph Panel	Equation Panel
		$y = m\,x + b$ WAL27 $y = 1/2\,x + 4$

Jet Route Panel:

(a) Place an ✕ at the WAL27 starting position.

Graph Panel: One point for the WAL27 line is shown.

(b) Plot one more point (●) for the WAL27 line.

(c) Connect the two points to draw the WAL27 line.

Equation Panel: The WAL27 equation is shown.

(d) At time zero, what is the value of y? 4 ft

Remember: At time zero, x = 0.