

Vector Maps - Graphic and Component Methods

Name _____ Date _____

The Vacation Trip

Step 1.

Locate and label 6 rides or attractions on the map (including the gate).



Step 2.

Enjoy a day at the park, starting at the gate, and going in straight lines from one point to the next until it is time to go home. Use arrows to show the direction of travel (a small arrow head at the end of the line).

Step 3.

Using a protractor and a ruler, find out the direction and magnitude for each of these arrows. The directions should always be compared to the paper so that 0° will be to the right, 90° will be up, 180° will be to the left and 270° will be down.

Step 4.

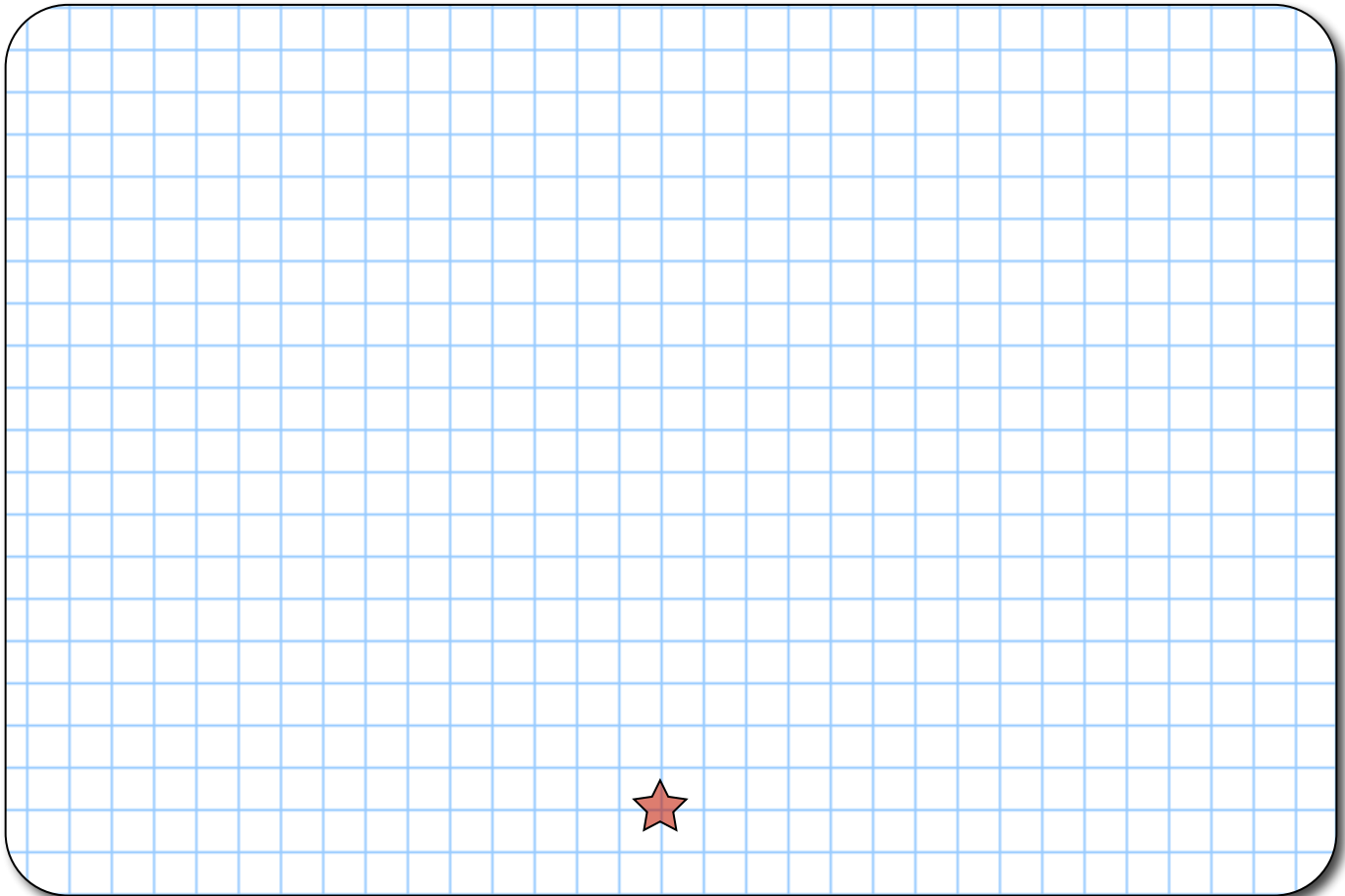
Name those vectors and place their measurements below.

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Step 5.

Using the information from the lines above, draw a head to tail addition of the vectors below. Use a scale so that 1 cm on the map = 0.5 cm on the page. Find, using the ruler and protractor, the resultant and the equilibrant.



R =

E =

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Step 6.

Find the horizontal and vertical components of each of the 6 vectors. Watch negatives, you will have positive and negative values in each column.

X components

Y components

Step 7.

Find the total x and total y of the resultant.

$R_x =$ _____ $R_y =$ _____

Step 8.

Calculate the resultant and the equilibrant vectors.

$R =$ _____

$E =$ _____

Step 9. Conclusion

Compare and contrast the two methods of vector addition. Be sure to mention the simplicity and accuracy of each method.

Healthy Choice — The "apple" symbol signifies the availability of low-fat, low-sodium food choices. For special dietary needs, please ask for assistance at Guest Relations.

TABLE SERVICE

Priority seating suggested.

- 1. **Disney's Town Square Restaurant** — Salads, pastas, paninis, and specialty entrees served with an Italian flair. Serving breakfast, lunch and dinner. *Presented by Disney.*
- 2. **The Plaza Restaurant** — Deli sandwiches, burgers and sandwiches. Lunch/dinner. *Headed by Mike Bell.*

COUNTER SERVICE

- 1. **"The Diamond Horseshoe Saloon Bar"** — Continental breakfast items, sandwiches, salads, hand-scooped ice cream, snacks, beverages.

- 2. **Liberty Tree Tavern** — A la carte lunches include entrees, salads and soups. Serving lunch and dinner. *Headed by Mike Bell.*
- 3. **Big City Cafe** — Cheeseburgers and hot dog baskets. *Headed by Mike Bell.*
- 4. **Liberty Tree Tavern** — Heavy and lighter fare for lunch and dinner. *Headed by Mike Bell.*
- 5. **Liberty Tree Tavern** — All-you-can-eat buffet with character visits. Serving breakfast, lunch and dinner. *Headed by Mike Bell.*

- 6. **El Pasa Y el Pasa Restaurant** — Tacos, nachos, two salads, burritos, and soups. *Headed by Mike Bell.*
- 7. **Big City Cafe** — Cheeseburgers and hot dog baskets. *Headed by Mike Bell.*
- 8. **Liberty Tree Tavern** — Heavy and lighter fare for lunch and dinner. *Headed by Mike Bell.*
- 9. **Liberty Tree Tavern** — All-you-can-eat buffet with character visits. Serving breakfast, lunch and dinner. *Headed by Mike Bell.*

FAST SNACKS

- 1. **Main Street Bake Shop** — Cookies, pastries, cakes and confections. *Headed by Mike Bell.*
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- 5. **Sunshine Tree Terrace** — Citrus specialties, non-fat frozen yogurt, cappuccino, espresso and beverages. *Headed by Mike Bell.*
- 6. **Frontierland Kiosk** — French fries and beverages. *Headed by Mike Bell.*
- 7. **Sleepy Hollow** — Caramel corn prepared before your eyes, seasonal fresh fruit cobblers, freshly prepared baked goods, cappuccino, espresso, cold cappuccino, and beverages. *Headed by Mike Bell.*
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- 10. **Enchanted Grove** — Lemonade slushies, strawberry swirl juice. *Headed by Mike Bell.*
- 11. **Mrs. Potts' Cupboard** — Soft-serve ice cream, floats, sundaes, and beverages. *Headed by Mike Bell.*
- 12. **Auntie Granny's Galactic Goodies** — Soft-serve ice cream, smoothies, fruit juices. *Headed by Mike Bell.*
- 13. **The Tumbling Pig at Bookstove Plaza** — Snacks, smoked turkey legs, beverages. *Headed by Mike Bell.*
- 14. **Goat Ship** — Beverages. *Headed by Mike Bell.*
- 15. **Hook's Tavern** — Snacks, beverages. *Headed by Mike Bell.*
- 16. **Coffin Island** — Coffee, breakfast pastries. *Headed by Mike Bell.*

LIBERTY SQUARE

ATTRACTIONS

- 1. **"The Diamond Horseshoe Saloon Bar"** — Continental breakfast items, sandwiches, salads, hand-scooped ice cream, snacks, beverages.
- 2. **The Hall of Presidents** — The White House in miniature.
- 3. **The Haunted Mansion** — A spooky tour through a haunted house.

SHOPPING

- 1. **Ye Old Christmas Shoppe** — Christmas decorations and gifts.
- 2. **The Yankee Trader** — Yankee goods and gifts.

FANTASYLAND

ATTRACTIONS

- 1. **Mad Tea Party** — A whimsical ride on teacups.
- 2. **The Many Adventures of Winnie the Pooh** — A gentle ride through the Hundred Acre Wood.
- 3. **Peter Pan's Flight** — A soaring flight over Neverland.

SHIPPING

- 1. **Trunker Bell's Treasures** — Disney merchandise.
- 2. **SF Mickey's** — Disney merchandise.

MICKEY'S TOONTOWN FAIR

ATTRACTIONS

- 1. **Donald's Boat** — A ride on Donald Duck's boat.
- 2. **Mickey's Country House** — A ride on Mickey Mouse's house.
- 3. **Minnie's Country House** — A ride on Minnie Mouse's house.
- 4. **Toontown Hall of Fame** — A ride on the Hall of Fame.
- 5. **The Barnstormer at Goofy's Wiseacre Farm** — A ride on Goofy's farm.
- 6. **Walt Disney World Railroad** — A train ride through the park.

SHIPPING

- 1. **County Bounty** — Disney merchandise.



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SHOPPING

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TOMORROWLAND

ATTRACTIONS

- 1. **Astro Orbiter** — A ride on a futuristic orbiter.
- 2. **The Extraterrestrial Alien Encounter** — A ride on an alien encounter.
- 3. **Tomorrowland Speedway** — A ride on a futuristic speedway.
- 4. **Space Mountain** — A ride on a futuristic mountain.
- 5. **The Timekeeper** — A ride on a futuristic timekeeper.
- 6. **Buzz Lightyear's Space Ranger Spin** — A ride on Buzz Lightyear's space ranger spin.
- 7. **Walt Disney's Carousel of Progress** — A ride on Walt Disney's carousel of progress.
- 8. **Skyway to Fantasyland** — A ride on a futuristic skyway.
- 9. **Tomorrowland Arcade** — A ride on a futuristic arcade.
- 10. **Tomorrowland Transit Authority** — A ride on a futuristic transit authority.
- 11. **Galaxy Police Theater** — A ride on a futuristic galaxy police theater.
- 12. **Tomorrowland Stage** — A ride on a futuristic stage.

SHOPPING

- 1. **Mickey's Star Trader** — Disney merchandise.

MAIN STREET, U.S.A.

ATTRACTIONS

- 1. **City Hall** — A ride on a futuristic city hall.
- 2. **Guest Information Board** — A ride on a futuristic guest information board.
- 3. **Main Street Vehicles** — A ride on a futuristic main street vehicles.
- 4. **Walt Disney World Railroad** — A train ride through the park.

SHOPPING

- 1. **Hoors of Treasure** — Disney merchandise.

CHARACTER DINING

LIBERTY TREE TAVERN

The Crystal Palace, A Buffet with Character

Enjoy a beautiful lunch with Walt, Mickey, Minnie, and the rest of the Disney family. The buffet includes a variety of delicious dishes, including chicken, beef, pork, and seafood. The buffet is served from 11:00 AM to 2:00 PM. Reservations are required. Call (407) 939-2222 for more information.

FANTASYLAND

Underdella's Royal Table

Step into a storybook for a breakfast fit for royalty with friends from Disney's animated classics. Thrilly seating strongly suggested.

SMOKING For the comfort of all our guests, smoking is prohibited in all waiting areas, attractions, stores, dining areas, rest rooms and locations designated for parents and show viewing. Thank you.

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