



Calculate the Port Facts

Directions: Answer the following math questions. Please show your work and use the back if you need more space.

1. 20,000 autos were exported last year at Port of Grays Harbor Marine Terminal 4. Since this equals one third of all auto exports on the US West Coast, how many total autos were exported from the US West Coast last year?
2. The Westport Marina, a facility of the Port of Grays Harbor, provides moorage slips for boats up to 150'. Moorage for a boat that is 25 feet long is \$12 per day. It costs \$5 to use the boat launch. A fisherman launches his 25 ft. boat and stays 4 days at the Marina, what is the total cost of his one launch and moorage fees?
3. Bowerman Airport, a facility of the Port of Grays Harbor, is the only jet-capable airport on Washington's Coast. The runway at Bowerman is 5,000 feet long and 150 feet wide. The taxiway that runs along the runway for planes to "taxi" to and from their hangars is $\frac{1}{3}$ the width of the runway. How wide is the taxiway?
4. Located in Hoquiam, Terminal 3 boasts 150 acres of land that are connected to a deepwater shipping terminal. Willis Enterprises uses 25 acres of Terminal 3 to produce and ship wood chips. How many acres are left for the Port of Grays Harbor to develop?
5. The Port of Grays Harbor rents (leases) land and/or buildings to 105 businesses (tenants). These businesses, like Home Depot, Westport Shipyard, and Ocean Cold Seafoods employ many workers in Grays Harbor. The price to lease land is \$.30 per square foot per year (annually). An acre equals 43,560 square feet. If a tenant leases 5 acres, how much is their annual rent?