/\* HOMEWORK - Independent Practice \*/

-- 1. Which products have a standard cost of more than $2,000? (5 rows)

SELECT \*

-- SELECT p.name, p.standardcost

FROM production.product AS p

WHERE p.standardcost > 2000;

-- 2. What is the name of the black colored product weighing between 18 and 19 pounds? (1 row - "Road-650 Black, 44")

SELECT p.name

FROM production.product AS p

WHERE p.color = 'Black'

AND p.weightunitmeasurecode = 'LB'

AND p.weight BETWEEN 18 AND 19;

-- 3. How many products take more than 3 days to manufacture? (1 row - 97)

SELECT COUNT(p.productid)

FROM production.product AS p

WHERE p.daystomanufacture > 3;

-- 4. How many long-sleeve jersey products are there? (4 rows)

SELECT COUNT(\*)

FROM production.product AS p

WHERE p.name LIKE 'Long-Sleeve%';

-- 5. How many different product lines are there? (4 rows - R, T, S, M)

SELECT DISTINCT(p.productline)

FROM production.product AS p

WHERE p.productline IS NOT NULL;

-- 6. What is the average list price of all products in the R and S product lines combined?

--Format your answer as a money datatype. (1 row - $728.14)

SELECT CAST(AVG(p.listprice) AS MONEY)

FROM production.product AS p

WHERE p.productline IN ('R', 'S');

--WHERE p.productline SIMILAR TO 'R%|S%'

--WHERE p.productline LIKE ANY(ARRAY['R%', 'S%'])

-- 7. Bonus - I only want information about our unfinished goods. Can you get me the safety stock level and cost of goods?

--The safety stock level should be less than 5 OR the cost of goods sold should be greater than $100, either is fine.

SELECT \*

FROM production.product AS p

WHERE p.finishedgoodsflag = 'false'

AND (p.safetystocklevel < 5

OR p.standardcost > 100);