Quiz on data warehousing

Due May 5 at 11:59pm   **Points** 100   **Questions** 10   **Available** Apr 22 at 12am - May 5 at 11:59pm 14 days   **Time Limit** None
Allowed Attempts 2

Take the Quiz Again

Attempt History

	Attempt	Time	Score
LATEST	**Attempt 1**	11 minutes	66.67 out of 100

⚠ Answers will be shown after your last attempt

Score for this attempt: **66.67** out of 100
Submitted Apr 29 at 6:08pm
This attempt took 11 minutes.

Question 1	10 / 10 pts

what does ETL stand for?

- ○ Exact, Trustworthy, Low-cost
- ◉ Extract, transform, load
- ○ Early Terminated Learning
- ○ Estimated Time of Loading

Question 2

10 / 10 pts

What are the properties of data warehousing? Choose all correct answers

- ☑ nonvolatile
- ☑ Integrated
- ☑ subject-oriented
- ☑ time-variant

Question 3

10 / 10 pts

Between OLAP and OLTP, which one would be a better choice for decision support?

- ◉ OLAP
- ○ OLTP

Partial

Question 4

6.67 / 10 pts

Comparing data warehousing and Operational databases, which of the following statement(s) is/are true?
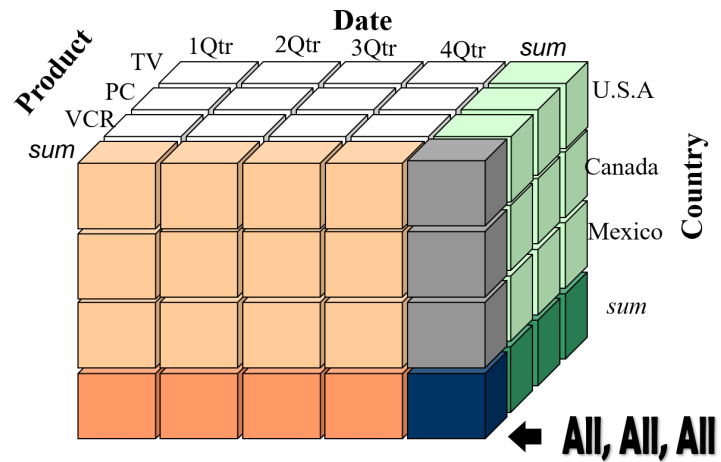
- ☑ One cannot find find historical data from data warehouse
- ☑ We don't need to consider concurrency control in data warehouse

☑ Operational databases usually contains the most up-to-date information

☑ Main function of data warehouse is to provide summarizations of the data

Question 5

0 / 10 pts
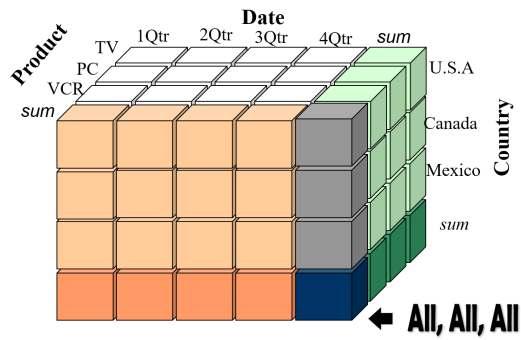

In this example, how many dimensions are there?

12

Question 6

0 / 10 pts

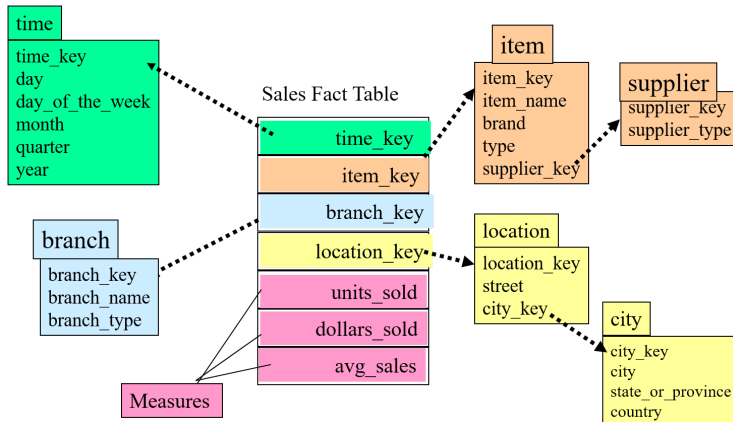In this example, how many cuboids are there?

64

Question 7
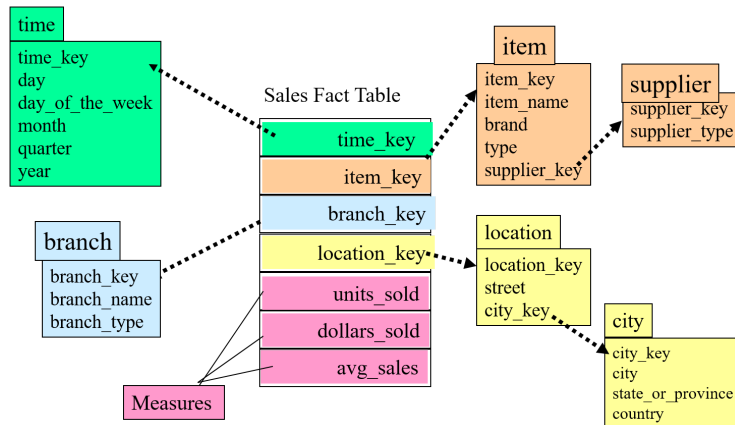
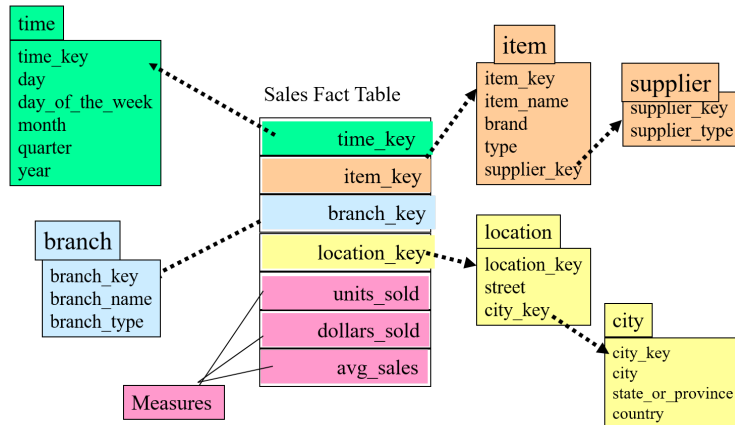For this example, how many dimensions are there

4

Question 8

10 / 10 pts

For this example, how many measures are there

3

Question 9

0 / 10 pts

Which schema best describes this example?

- ○ galaxy

- ○ snowflake

- ⦿ star

Question 10

Let the query to be processed be on {*brand, province_or_state*} with the condition "*year = 2004*". Which of the following pre-calculated cuboid should be used to process the query?

- ⦿ {year, brand, province_or_state}

- ○ {year, brand, country}

- ○ {item_name, country} where year = 2004

○ {year, item_name, city}

Quiz Score: **66.67** out of 100