**Test your knowledge on using pivot tables**

Question 1

The following is a sample pivot table from a furniture company's spreadsheet:

| **product** | **SUM of purchase\_price** |
| --- | --- |
| bed | $799.99 |
| bookcase | $58.89 |
| chair | $234.50 |
| chaise | $399.95 |
| couch | $9,000.00 |
| desk | $509.85 |
| fan | $111.92 |
| lamp | $160.97 |
| mirror | $199.95 |
| ottoman | $299.99 |
| rug | $808.65 |
| vase | $19.98 |
| **Grand Total** | **12604.635** |

What is the purpose of the pivot table in this spreadsheet?

To find the average price of each product

To summarize data about each product

**To calculate the sum of individual prices for each product type**

To organize all of the data into a smaller format

**Correct**

The purpose of the pivot table is to calculate the sum of individual purchase prices for each product type. It also shows a grand total for all of the product purchases.

Question 2

| **product** | **SUM of purchase\_price** |
| --- | --- |
| bed | $799.99 |
| bookcase | $58.89 |
| chair | $234.50 |
| chaise | $399.95 |
| couch | $9,000.00 |
| desk | $509.85 |
| fan | $111.92 |
| lamp | $160.97 |
| mirror | $199.95 |
| ottoman | $299.99 |
| rug | $808.65 |
| vase | $19.98 |
| **Grand Total** | **12604.635** |

How could the pivot table be adjusted to show the same data, but only for products categorized as beige?

Sort the current row by product color

**Add a filter to show only beige products**

Add a new column labeled beige

Summarize the values by product

**Correct**

To show the same data, but only for products categorized as beige, add a filter to show only beige products.

Question 3

|  |  |  |
| --- | --- | --- |
| product | SUM of purchase\_price | Calculated Field 1 |
| bed | $799.99 | $0.00 |
| bookcase | $58.89 | $0.00 |
| chair | $234.50 | $0.00 |
| chaise | $399.95 | $0.00 |
| couch | $9,000.00 | $0.00 |
| desk | $509.85 | $0.00 |
| fan | $111.92 | $0.00 |
| lamp | $160.97 | $0.00 |
| mirror | $199.95 | $0.00 |
| ottoman | $299.99 | $0.00 |
| rug | $808.65 | $0.00 |
| vase | $19.98 | $0.00 |
| **Grand Total** | **12604.635** | **$0.00** |

Which spreadsheet tool should you use if you want to find an average value using values generated within a pivot table?

A filter

Conditional formatting

**A calculated field**

Data validation

**Correct**

To find an average value using values generated within a pivot table, use a calculated field. A calculated field is a new field within a pivot table that carries out certain calculations based on the values of other fields.