



The Fullest Gallery Case



COMPLETE TO COLLECT
Tumbled Rose Quartz
Level 2 • 4 Glints

THE PROBLEM

In the Jewelhouse Gallery, one display case can hold at most **700 glass tiles**. The Gallery must choose exactly two of four trays: tray A has **268** tiles, tray B has **347**, tray C has **359**, and tray D has **411**.



TEST EVERY PAIR

Pair	Addition	Total	Fits 700 or less?
A + B	$268 + 347$	_____	_____
A + C	$268 + 359$	_____	_____
A + D	$268 + 411$	_____	_____
B + C	$347 + 359$	_____	_____
B + D	$347 + 411$	_____	_____
C + D	$359 + 411$	_____	_____

QUESTIONS

Complete the table and circle your best row here. Use scratch paper for your explanation.

- Add each pair. Complete the **Total** and **Fits 700 or less?** columns in the supplied table.
- Circle the row with the greatest total that is 700 or less. State the total and explain why that pair is the best choice.

