



# Monthly Math Mania

## USA TODAY Snapshots®

### For some everything but the kitchen sink

In an online survey of purse or handbag carriers, what they say they ALWAYS carry in them:

- Wallet 94%
- Lipstick 79%
- Cellphone 59%
- Pain relievers/antacids 56%
- Breath spray/gum 55%
- Mirror 55%
- Brush/comb 46%
- Feminine products 46%
- Tissue 45%



Source: drugstore.com

By Cindy Hall and Alejandro Gonzalez. USA TODAY

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### Problem:

John is a process technician. He operates and monitors the injection molding and casting machines for a brush and comb manufacturer. If this manufacturing company produces 25,000 brushes/combs in one week, how many of them, according to this survey, will end up in a purse or handbag after being purchased?

### Challenge:

How many brushes/combs are produced in one year at the above rate?

How many of these would end up in a purse or handbag according to the survey?