Creating Equations and Inequalities- Step-by-Step Lesson

1. Ron bought 5 packets of soap. Each packet contained 7 pieces of soap. He sold one packet of soap to a customer. Write an equation that would express this scenario.

Explanation:

Ron bought **5 packets** of soaps.   We have 5.

Equation = 5 packets

In **each packet** there were **7 soap bars**. We have 5 packs of 7. or

Equation = 5 packets x 7 bars

He sold 1 packet of soap to a customer.   He gave a packet to customer

(5 packets – 1 packet) x7 bars

Total number of soaps =

(4 packets) x 7 packets = 28 soap bars

Our final equation would look like:

$(5 \times 7) - 7 = x$ or $(5-1) \times 7 = x$