A-SSE Delivery Trucks

Task

A company uses two different-sized trucks to deliver sand. The first truck can transport x cubic yards, and the second y cubic yards. The first truck makes S trips to a job site, while the second makes T trips. What quantities do the following expressions represent in terms of the problem's context?

a. $S + T$

b. $x + y$

c. $xS + yT$

d. $\dfrac{xS + yT}{S + T}$