



# A-SSE Delivery Trucks, assessment variation

## Task

A company uses two different-sized trucks to deliver concrete blocks. The first truck can transport  $x$  blocks per trip, and the second can transport  $y$  blocks per trip. The first truck makes  $S$  trips to a job site, while the second makes  $T$  trips. What do the following expressions represent in the context of the problem? Use the drop-down menus to construct a two-part description of the expression.

a.  $S + T$

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b.  $xS + yT$

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c.  $\frac{xS + yT}{S + T}$

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