

## C11 - 6.4 -Hoses filling Pool

Two hoses together fill a pool in 4 hours. If only hose A is used, the pool fills in 6 hours. How long would it take to fill the pool if only hose B were used?

Two hoses together fill a pool in 8 hours. If only hose A is used, the pool fills in 12 hours. How long would it take to fill the pool if only hose B were used?

## C11 - 6.4 - Sum of Recips of Two Consecutive Ints HW

The sum of the reciprocals of two consecutive integers is  $\frac{13}{42}$ . What are the integers?

The sum of the reciprocals of two consecutive odd integers is  $-\frac{8}{15}$ . What are the integers?

## C11 - 6.4 - Rationals Word Problems: Canoe Table

Mary paddles down river 40km with a current of 6km/h. It takes her the same time to paddle up river 16km. What is the speed of the boat?

	Speed	Distance	Time
Down-river	$v_b + 6$	40	$t$
Up-river	$v_b - 6$	16	$t$

