

[ $Q_1$ ] **Grace** weighs 125 pounds. **Alex** weighs 2 pounds less than 4 times what **Grace** weighs. What are their **combined** weights in pounds?

[Ground-Truth  $a_1^*$ ] 623.0

[Predicted  $a_{11}$ ] 623.0 ✓

[ $R_{11}$ ] in Python

C	P	$\mathcal{E}$	grace_weight = 125
C	P	$\mathcal{E}$	alex_weight = 4 * grace_weight - 2
C	P	$\mathcal{E}$	answer = grace_weight + alex_weight

[Predicted  $a_{12}$ ] 627.0 ✗

[ $R_{12}$ ] in Python

C	P	$\mathcal{E}$	grace_weight = 125
C	P	$\mathcal{E}$	alex_weight = 2
C	P	$\mathcal{E}$	weight_multiplier = 4
C	P	$\mathcal{E}$	alex_total = alex_weight + weight_multiplier * grace_weight
C	P	$\mathcal{E}$	answer = grace_weight + alex_total

[ $Q_2$ ] **Mariah** and **grandma** used 1/4 and 1/2, respectively, from 364 yards in a skein of yarn. How many yards of yarn did they use in total?

[Ground-Truth  $a_2^*$ ] 273.0

[Predicted  $a_{21}$ ] 273.0 ✓

[ $R_{21}$ ] in Python

C	P	$\mathcal{E}$	yards_per_skein = 364
C	P	$\mathcal{E}$	mariah_yards = 1 / 4 * yards_per_skein
C	P	$\mathcal{E}$	grandma_yards = 1 / 2 * yards_per_skein
C	P	$\mathcal{E}$	answer = mariah_yards + grandma_yards

[Predicted  $a_{22}$ ] 273.0 ✓

[ $R_{22}$ ] in Python

C	P	$\mathcal{E}$	yarn_mariah = 1 / 4
C	P	$\mathcal{E}$	yarn_grandma = 1 / 2
C	P	$\mathcal{E}$	yards_per_skein = 364
C	P	$\mathcal{E}$	total_yards = yarn_mariah + yarn_grandma
C	P	$\mathcal{E}$	yards_used = total_yards * yards_per_skein