ES

1 2 3 4 5 6 7 8

Morgan finds two video stores within walking distance of her home that offer very different rental plans for their DVDs. The first store has a $25 annual membership fee + $2 each rental. Use the equation $C = \$25 + \$2x$ to calculate the cost to Morgan for a year's membership if she rents a total of 25 DVDs at this first store.

$$C = \$ \boxed{}.\boxed{}$$

Touch for Solution

1 2 3 4 5 6 7 8 9 0

Reset

WELL DONE!

...scho... ...hcldin...

...air Grounds.

General Admission into the Grounds is $5.
Admission to each race is an extra $2. If 250 people came to the races, how much money would be collected by the Admissions?

✓ $C = \$\boxed{1,750.00}$

$C = \$5x + \$2x$ $C = \$5(250) + \$2(250)$

$C = \$1,250 + \$500$ $C = \$1,750.00$

1 2 3 4 5 6 7 8 9 0

Reset

ES

1 2 3 4 5 6 7 8

Mia visits two stores for the best deal on a bucket of chicken for her family. Each store sells chicken by the bucket:

Store A: $15.00/bucket (*b*) + $2.00/piece (*p*)
Store B: $17.50/bucket (*b*) + $1.00/piece (*p*)

Using the equation $C = b + xp$, calculate the cost to Mia if she bought one bucket of chicken plus 8 extra pieces at both stores.

Store A: C = $ ☐☐.☐☐   Store B: C = $ ☐☐.☐☐

Touch for Solution

1 2 3 4 5 6 7 8 9 0

Reset