

Training Mission - Table Tumble - Answer Key

Molly spent hours finding the rules that predicted profit at different golf courses. But as she carried them to HQ's office, she took a tumble and mixed up the reports and the labels.

Directions: Help Molly match the correct label with the correct function table report. Draw a line from the rule labels on the left to the report that uses that rule on the right. Then write the rule using symbols and numbers in the "Rule" box on each report so they don't get mixed up again!

ADD THREE DOLLARS AND TWENTY CENTS PER GOLFER

MULTIPLY BY TWO DOLLARS AND TWENTY CENTS PER GOLFER

SUBTRACT ONE DOLLAR AND TWENTY CENTS FROM # OF GOLFERS

DIVIDE # OF GOLFERS BY TWO DOLLARS AND TWENTY CENTS

MULTIPLY BY ONE DOLLAR AND TWENTY CENTS PER GOLFER

Golfers	REPORT #1	Profit
1		\$2.20
2	RULE	\$4.40
3	$n \times \$2.20$ or	\$6.60
5	$\$2.2n$	\$11.00
10		\$22.00

Golfers	REPORT #2	Profit
1		\$0.45
2	RULE	\$0.91
3	$n \div \$2.20$	\$1.36
5		\$2.27
10		\$4.55

Golfers	REPORT #3	Profit
1		\$1.20
2	RULE	\$2.40
3	$n \times \$1.20$ or	\$3.60
5	$\$1.2n$	\$6.00
10		\$12.00

Golfers	REPORT #4	Profit
1		\$3.20
2	RULE	\$6.40
3	$n \times \$3.20$ or	\$9.60
5	$\$3.2n$	\$16.00
10		\$32.00

Golfers	REPORT #5	Profit
1		-\$0.20
2	RULE	\$0.80
3	$n - \$1.20$	\$1.80
5		\$3.80
10		\$8.80

Next Step:

If Molly knew that Dr. Wick would have 100 golfers, which rule should she suggest so Dr. Wick makes the least profit? Which one would make her the most profit?

- Least profit - Report #5 rule ($100 \div \$2.20 = \45.45 profit)
- Most profit - Report #4 rule ($100 \times \$3.20 = \320 profit)