

1) A group of students sold t-shirts and hoodies to raise money for a school trip. The profit from each t-shirt is \$5. The profit from each bag hoodie is \$7.

The students sold 4 times as many t-shirts as hoodies.

The students made a total profit of 2800.

If the profit for each t-shirt increased to \$5.50, what would be the students' new total profit?

2) A local group has organized a basketball tournament for 2 years and want to hold it again this year. At this tournament, they provide each team with a medal or a trophy. The following table provides information on the cost of medals and trophies.

	Number of Medals bought	Number of Trophies bought	Total cost
Year 1	6	15	\$161.25
Year 2	4	8	\$89.00
This Year	7	6	?

What is the total cost for the medals and trophies this year?