

Directions: Use the information in the scenario to solve one of the following math problems each day.

FLOWER SHOP EXPRESS

Jeremy works for one of the busiest florists in his city, *Flower Shop Express*, as a part-time job every day after school. Tonight, he has just four hours to his work shift and must leave right on time to catch the latest horror movie, *Chainsaw Accident 5*, with his buddies. To do so, he'll need to finish making the bouquets for 20 orders left over from the day before, and the 10 new orders he took in the last hour. Luckily for Jeremy, any orders placed after 4:00 PM are designed the next day. So, he knows how many floral arrangements he must finish today.

Also fortunate is the fact that Jeremy is designing the same bouquet for all orders. It's a special arrangement that is popular in town—four roses, ten tulips, and five daisies wrapped in shiny paper. As Jeremy works, he can't believe how much money the store makes on these bouquets. It costs Flower Shop Express only \$2.53 in materials to make each one, and they sell them for \$9.99 a piece! Jeremy has started to consider owning his own flower shop someday.

Of course, as Jeremy works, his mind turns to the movie he wants to see. He only makes a wage of \$5.65 per hour and hopes it will be enough to buy a movie ticket (\$9.85), jumbo popcorn (\$5.32), candy (\$2.95) and a soda (\$1.99).

MATH

Problem of the Week #1



Day 1

How many bouquets must be made by Jeremy per hour in order for him to finish work on time?

Answer:

Day 2

How many flowers of each kind will Jeremy have to use during his work shift to make the bouquets?

How many flowers must he use in total?

Answer:

Day 3

What sum of money will the flower shop make in profit from Jeremy's work?

Hint: remember that Jeremy must be paid for his work.

Answer:

Day 4

Does the amount of money Jeremy made during his shift cover his movie expenses? If so, how much does he have to spare? If not, by how much was he short?

Answer: