

## Question:

A mechanic charges different rates to repair the tires of trucks and cars. For each truck tire that is repaired, the mechanic will charge \$60 and for each car tire that is repaired, the mechanic will charge \$40. On Thursday, the mechanic repairs 6 truck tires and 4 car tires. On Friday, the mechanic repairs 12 car tries and doesn't repair any truck tires. How much more revenue did the mechanic earn on the day with higher revenue?

## Reasoning + Answer:

<think> The mechanic charged \$60 per truck tire and \$40 per car tire . Thursday , the mechanic earned  $\$60 \times 6 = \$360$  from the truck tires . Thursday , the mechanic earned  $\$40 \times 4 = \$160$  from the car tires . Thursday , the mechanic earned a total of  $\$360 + \$160 = \$520$  . The mechanic earned  $\$360 - \$160 = \$200$  on Thursday . On Friday the mechanic earned  $\$60 \times 0 = \$0$  . Friday , the mechanic earned  $\$40 \times 12 = \$480$  . The mechanic earned  $\$480 - \$0 = \$480$  on Friday . Today , the mechanic earned a total of  $\$480 + \$200 = \$680$  . Thursday , the mechanic earned a total of  $\$200 + \$400 = \$600$  .  $\$680 - \$600 = \$80$  more earned on Friday versus Thursday . </think><answer>80</answer>

Reward score