1.

Speed (in miles per hour)	Thinking Distance (in feet)	Braking Distance (in feet)
20	20	20
30	30	45
40	40	80
50	50	125
60	60	180

The table above can be used to calculate the distance required to stop a car traveling at a given speed by adding the thinking distance and the braking distance. How many more feet does it take to stop a car traveling at 50 miles per hour than at 20 miles per hour?
Show your work.

2.   ثق5
       ثق6
       ثق7
   +   ثق8
       146

In the correctly worked addition problem above, each ثق represents the same digit.

What is the value of ثق?
Explain your answer.

3. If $2p + 5 = 20$, what is the value of $2p - 5$?
   Show your work.