

Marie-Pascale

Kaeli

per day

4

x

TOTAL

72

72+54

"54 more problems than Marie-Pascale"

Let y be the number of days.

$$4y = 72$$

$$y = 18$$

"4 problems per day"

"72 total problems"

$$xy = 72 + 54$$

$$xy = 126$$

$$x(18) = 126$$

$$x = 7$$

"x problems per day"

$\therefore$ Kaeli solved 7 math problems per day.