Solve the problem.

The daily profit in dollars made by an automobile manufacturer is
$P(x) = -40x^2 + 2{,}240x - 17{,}000$
where x is the number of cars produced per shift. Find the maximum possible daily profit.
Select one:

- a. $14,360 , correct
- b. $31,360
- c. $13,642
- d. $13,211

Question 15

Question text

Solve the equation.

$\sqrt{4x-5}+1=\sqrt{4x+5}$
Select one:

- a. $\{\frac{101}{16}\}$
- b. $\{\frac{141}{16}\}$
- c. $\{\frac{101}{4}\}$
- d. $\{\frac{61}{16}\}$

Correct answer=a (101/16)

Question 16

Solve the equation.

$2n^2(n^2 + 6) = 54 + 9n^2$
Select one: