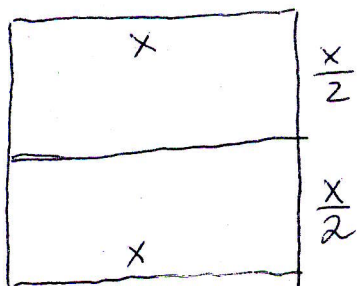


①



$$P = 2x + 2 \cdot \frac{x}{2} = 3x$$

$$3x = 36 \Rightarrow x = 12$$

$$A = x^2 = 144$$

ANSWER: D

①

② $M = 150\% B$

$$M_{\text{now}} = M \cdot 120\%$$

$$B_{\text{now}} = B \cdot 125\%$$

$$\frac{M_{\text{now}}}{B_{\text{now}}} = \frac{M \cdot 120\%}{B \cdot 125\%} =$$

$$= \frac{150\% B \cdot 120}{B \cdot 125} = 144\%$$

ANSWER: C

③ $A = 9B$

$$90 - B = 9(90 - A)$$

$$80B = 720 \Rightarrow B = 9^\circ$$

ANSWER: C

④ $x^2 - 10x - 24 = 0$

$$\rightarrow x_1 = 12$$

$$\rightarrow x_2 = -2$$

$$P = -24$$

ANSWER: B

⑤ E E E

E O O

O E O

O O E

E E O

E O E

O E E

$$P = 7 \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} = \frac{7}{8}$$

ANSWER: $\frac{7}{8}$

⑥ $f(x) = ax^2 + bx + c$

$$\begin{cases} f(-1) = a - b + c = 10 \\ f(0) = c = 5 \\ f(1) = a + b + c = 4 \end{cases}$$

$$a = 2, b = -3, c = 5$$

$$f(x) = 2x^2 - 3x + 5$$

$$f(2) = 7$$

ANSWER: A