

Perencanaan dan ambungan. Soal nomor 112204

B - $\sqrt{}$

① $\left(\frac{15^{12}}{8} + \frac{3}{16}\right) : \frac{11}{48} = \left(\frac{30}{16} + \frac{3}{16}\right) \cdot \frac{48}{11} = \frac{33^3 \cdot 48^3}{16 \cdot 11} = 9$
✓ Ambun: 9

② $\frac{0,8 \cdot 10^8}{0,71 \cdot 10^8} = 0,8 \cdot 10^2 = 80$
✓ Ambun: 80

③ 1) $\frac{16000 \cdot 13}{100} = 2080$ (pys) - uana no ganege.

2) $16000 - 2080 = 13920$ (pys) - gap. unene
✓ Ambun: 13920

④ $g = \sqrt[3]{9 \cdot 81 \cdot 64} = \sqrt[3]{9 \cdot 9^2 \cdot 4^3} = \sqrt[3]{9^3 \cdot 4^3} = 9 \cdot 4 = 36$
✓ Ambun: 36

⑤ $(\sqrt{17} - 3\sqrt{2})(\sqrt{17} + 3\sqrt{2}) = (\sqrt{17})^2 - (3\sqrt{2})^2 = 17 - 18 = -1$
✓ Ambun: -1

⑥ 1) $21 \cdot 39 = 819$ (pys) - go unene go unene

2) $819 - 700 = 119$ (pys) - unene.
✓ Ambun: 119

7

$$x^2 - x = 20$$

$$x^2 - x - 20 = 0$$

$$D = 1 + 80 = 81$$

$$x = \frac{1 \pm 9}{2}; x_1 = 5; x_2 = -4 \quad \checkmark \text{ Answer: 5 }$$

8

$$1) (40 + 45) \cdot 2 = 230 \text{ (m)} - \text{sum of sides}$$

$$2) 3 \cdot 4 = 12 \text{ (m)} - \text{sum of angles}$$

$$3) 230 - 12 = 218 \text{ (m)} - \text{sum of sides of square.}$$

$$\checkmark \text{ Answer: 218 }$$

9

$$\checkmark \text{ 2413 }$$

10

$$1) 6 : 1200 = 0,005$$

$$2) 1 - 0,005 = 0,995$$

$$\checkmark \text{ Answer: 0,995 }$$

11

$$-21$$

$$\checkmark \text{ Answer: -21 }$$

12

$$15$$

$$\checkmark \text{ Answer: 15 }$$

13

$$AC_2 = \sqrt{AD^2 + AA_2^2 + DC_2^2}$$

$$AC_2 = \sqrt{2^2 + 2^2 + 12^2}$$

$$AC_2 = 3$$

$$\checkmark \text{ Answer: 3 }$$

14

$$\checkmark \text{ 3214 }$$

15

$$1) HM = MC = 67 : 2 = 33,5 \text{ (m.k. BM - median)}$$

$$2) \triangle HBC - \text{right-angled} (BM - \text{median, sum of median})$$

$$3) HM = HC = 33,5 : 2 = 16,75$$

$$4) AH = HM + MH$$

$$AH = 33,5 + 16,75 = 50,25$$

$$\checkmark \text{ Answer: 50,25 }$$

B - \sqrt{V}

16

$$S_6 = \frac{1}{2} P_0 P$$

$$P = \sqrt{625 - 49}$$

$$P = \sqrt{576}$$

$$P = 24$$

$$P = 14 \cdot 6 = 84$$

$$S_6 = \frac{1}{2} \cdot 84 \cdot 24 =$$

$$S_6 = 1008$$

✓ Ответ: 1008

17

✓ 1342

18

Ответ: 24

19

35242345. Число делится на 12, если две последние цифры образуют число, делящееся на 4, если сумма цифр делится на 3 и если оно четное.

Возможный вариант ~~35242345~~

Ответ: 32424

20

5	15
?	33

$$33 - 15 = 18$$

$$5 + 18 = 23$$

Ответ: 23