

11. $(6,8 - 1,3) \cdot 4,2 = 5,5 \cdot 4,2 = 39,6$

Bar. 112202

$$\begin{array}{r} 5,5 \\ 4,2 \\ \hline 110 \\ 385 \\ \hline 39,60 \end{array}$$

Jawab: 39,6

12. $\frac{4^{-2} \cdot 4^3}{4^{-1}} = 4^{-1} \cdot 4^3 = 4^2 = 16$

Jawab: 16

13. $\frac{50p - 100\%}{x - 10\%} \quad x = \frac{10 \cdot 50}{100} = 5p$
 $50 - 5 = 45p$

Jawab: 45

14. $S = 2(ab + ac + bc) \Rightarrow S = 2(5 \cdot 6 + 5 \cdot 20 + 5 \cdot 20) = 2 \cdot 250 = 500$ Jawab: 500

15. $0 < \alpha < 90^\circ \Rightarrow \sin \alpha \in I^+ \Rightarrow \sin \alpha > 0$

$$\sin^2 \alpha + \cos^2 \alpha = 1 \quad \sin^2 \alpha = 1 - \cos^2 \alpha = 1 - \left(\frac{\sqrt{21}}{5}\right)^2 = 1 - \frac{21}{25} = \frac{4}{25}$$

$$\sin \alpha = \sqrt{\frac{4}{25}} = \frac{2}{5} = 0,4$$

Jawab: 0,4

16. $502 \cdot 229 \cdot 7 = 350 \cdot 229 = 80150$

$$\begin{array}{r} 229 \\ 350 \\ \hline 1145 \\ 687 \\ \hline 80150 \end{array}$$

$$\frac{80150}{1000} = 80,15 \text{ m} \Rightarrow 81 \text{ meter}$$

Jawab: 81

17. $x^2 + 4x - 45 = 0$

$$D = 16 + 4 \cdot 45 = 16 + 180 = 196$$

$$x = \frac{-4 + 14}{2} = \frac{10}{2} = 5$$

$$x = \frac{-4 - 14}{2} = \frac{-18}{2} = -9 \quad \text{Jawab: } \underline{x = 5}$$

18. $S = 3 \cdot 3 - 1 = 8$

19.

A	5	B	1
1	4	3	2

20. $15 - 9 = 6 \text{ cm. rambur}$

$$\frac{6}{15} = \frac{2}{5} = 0,4$$

Jawab: 0,4

21. Jawab: 751

22. $n=1$ dan $n=5 \Rightarrow$ (Urutan, Perhitungan, Banyak, Syarat) = $2900 + 2150 = 5050 < 5500$
 \Rightarrow Jawab: 15

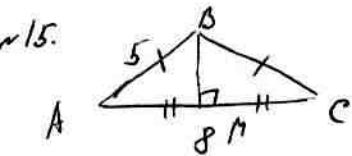
13. перем. формул - 6



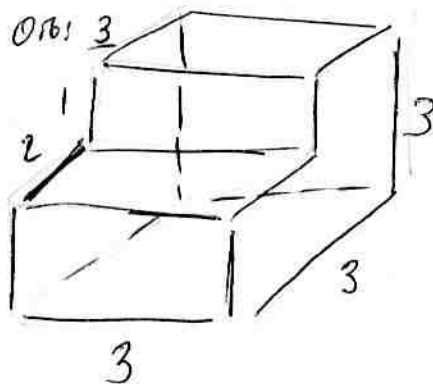
ответом 18

станд $6 \cdot 3 = 18$

A	B	B	1
3	4	1	2



BM - отв. гипотенузы.
 $\Rightarrow AM = 4 \Rightarrow BM = \sqrt{25 - 16} = 3$ (по теореме Пифагора в $\triangle ABM$)



16. $V = V_1 - V_2$
 $V_1 = 3 \cdot 3 \cdot 3 = 27$
 $V_2 = 2 \cdot 1 \cdot 3 = 6$
 $V = 27 - 6 = 21$

17. $m = \sqrt{2}$

- $2m - 5 = \sqrt{8} - \sqrt{25} < -2$
- $m^3 = \sqrt{2}^3 = \sqrt{8} > 2$
- $m - 1 = \sqrt{2} - 1 \approx 0,4$
- $-\frac{1}{m} = -\frac{1}{\sqrt{2}} \approx -\frac{1}{1,4} = -\frac{10}{14} < 0$ ($-\frac{10}{14} > -1$)

A	B	C	D
1	4	3	2

18. Ответ: 23

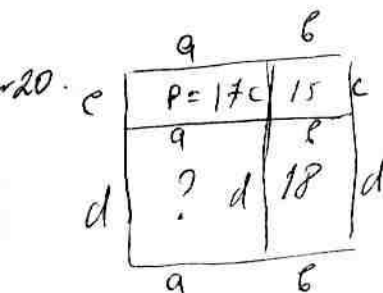
19. $x > 600$

$x \mid 3$	$x \mid 4$	$x \mid 5$
①	③	①

ответ: 421
961

Решение на 1 больше 0 или 5

421 $\textcircled{3}$	421 $\textcircled{4}$	421 $\textcircled{5}$
6 \mid 240	4 \mid 180	5 \mid 144
12	32	22
12	32	20
①	①	①
(7+2=9:3)	(20:4)	(20:5)



$(a+d)2 = ?$

$$2(a+c) = 17$$

$$2(b+c) = 15$$

$$2(b+d) = 18$$

$$2(a+c) + 2(b+d) - 2(b+c) = 2a + \underline{2c} + \underline{2b} + \underline{2d} - \underline{2b} - \underline{2c} = 2a + 2d = 2(a+d)$$

$$2(a+d) = 17 - 15 + 18 = 2 + 18 = 20$$

ответ: 20.