

Pole trapezu

Oblicz pole trapezu o podanych podstawach a, b i wysokości h.

$$P = (a + b) \cdot h : 2$$

1. $a = 12, b = 9, h = 4$ $P = \dots\dots\dots$

2. $a = 18, b = 3, h = 14$ $P = \dots\dots\dots$

3. $a = 9, b = 13, h = 12$ $P = \dots\dots\dots$

4. $a = 14, b = 2, h = 10$ $P = \dots\dots\dots$

5. $a = 13, b = 3, h = 12$ $P = \dots\dots\dots$

6. $a = 10, b = 16, h = 3$ $P = \dots\dots\dots$

7. $a = 18, b = 17, h = 14$ $P = \dots\dots\dots$

8. $a = 12, b = 16, h = 13$ $P = \dots\dots\dots$

9. $a = 13, b = 2, h = 6$ $P = \dots\dots\dots$

10. $a = 4, b = 10, h = 4$ $P = \dots\dots\dots$

11. $a = 4, b = 6, h = 9$ $P = \dots\dots\dots$

12. $a = 14, b = 18, h = 9$ $P = \dots\dots\dots$

13. $a = 12, b = 8, h = 5$ $P = \dots\dots\dots$

14. $a = 19, b = 18, h = 8$ $P = \dots\dots\dots$

15. $a = 11, b = 12, h = 12$ $P = \dots\dots\dots$

16. $a = 18, b = 15, h = 4$ $P = \dots\dots\dots$

Najczęstszy błąd: podstawienie do wzoru ramienia zamiast wysokości. Wysokość trapezu jest zawsze prostopadła do obu podstaw, a ramię tylko w trapezie prostokątnym.

Klucz odpowiedzi

Dla nauczyciela i rodzica.

1. $(12 + 9) \cdot 4 : 2 =$ **42**

3. $(9 + 13) \cdot 12 : 2 =$ **132**

5. $(13 + 3) \cdot 12 : 2 =$ **96**

7. $(18 + 17) \cdot 14 : 2 =$ **245**

9. $(13 + 2) \cdot 6 : 2 =$ **45**

11. $(4 + 6) \cdot 9 : 2 =$ **45**

13. $(12 + 8) \cdot 5 : 2 =$ **50**

15. $(11 + 12) \cdot 12 : 2 =$ **138**

2. $(18 + 3) \cdot 14 : 2 =$ **147**

4. $(14 + 2) \cdot 10 : 2 =$ **80**

6. $(10 + 16) \cdot 3 : 2 =$ **39**

8. $(12 + 16) \cdot 13 : 2 =$ **182**

10. $(4 + 10) \cdot 4 : 2 =$ **28**

12. $(14 + 18) \cdot 9 : 2 =$ **144**

14. $(19 + 18) \cdot 8 : 2 =$ **148**

16. $(18 + 15) \cdot 4 : 2 =$ **66**