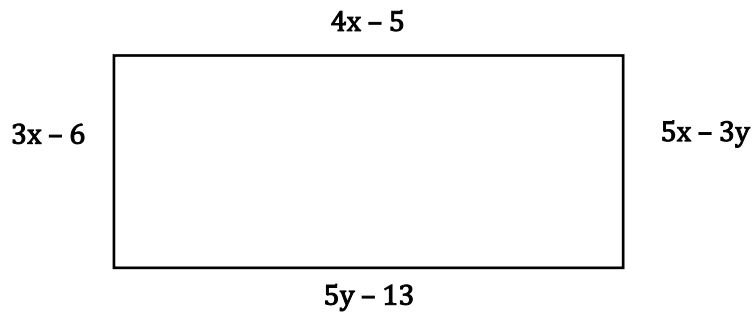




## Citādi uzdevumi

1. Aprēķini dotā taisnstūra  $x, y$  vērtības un tā **laukumu!**



2.  $\frac{50^{100}}{100^{50}} = ?$

3.  $\frac{\sqrt{\sqrt{100} + \sqrt{36}}}{\sqrt{16}} = ?$

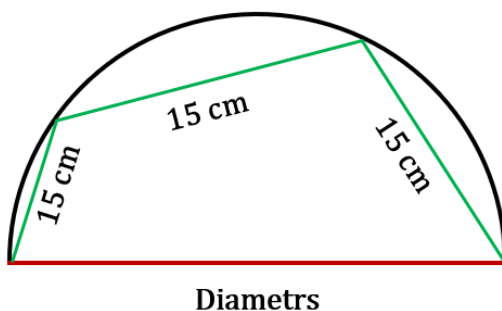
- A) 1
- B) 16
- C) 4

4.  $\frac{49^2 - 1}{48} = ?$

5.  $\sqrt{81\%} = ?$

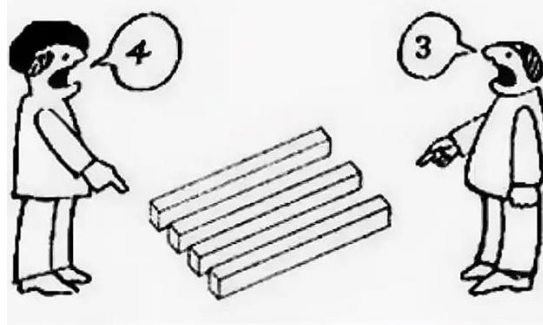
- A) 9
- B) 90
- C) 0.9
- D) 0.09

6. Kāds ir **diametra garums?**



$$7. \frac{\frac{\frac{1}{2}}{2+2}}{\frac{2+2+2}{\frac{2+2+2}{\frac{2+2}{2}}}} = ?$$

8. Kāda ir **pareizā** atbilde?

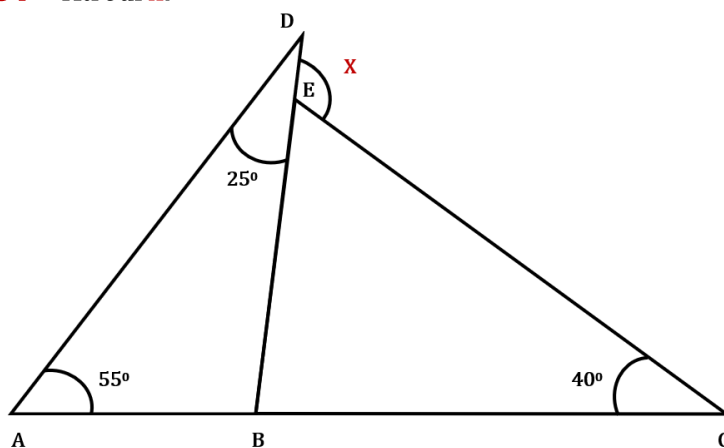


$$9. 2^{10} \times 4^{10} \times 8^{10} = ?$$

- A)  $2^{30}$   
B)  $2^{50}$

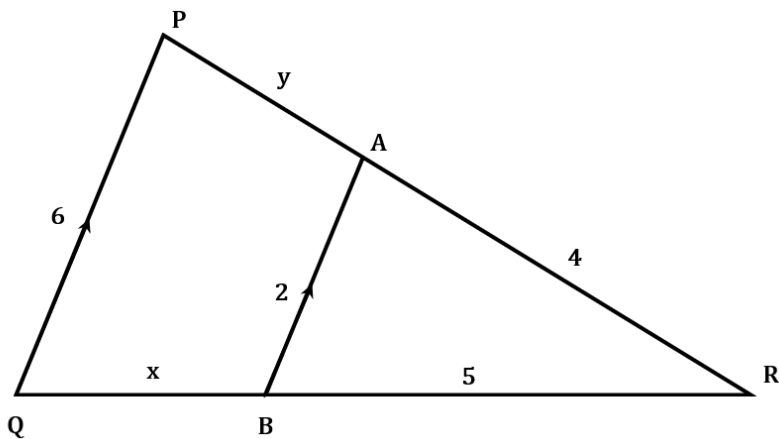
- C)  $2^{40}$   
D)  $2^{60}$

10. Atrodi **x**!



$$11. 2^{2^{2^0}} = ?$$

12. Atrodi  $x$  un  $y$  vērtības!



13. Atrodi  $x$ !

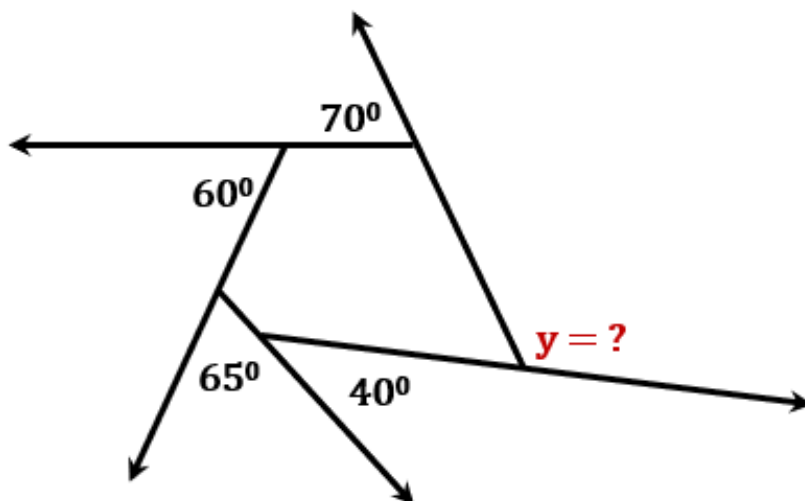
$$x^0 + 5x = 26x^0$$

- A) 9
- B) 7
- C) 5

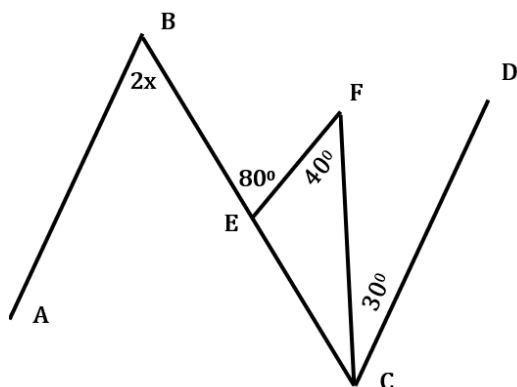
14.  $99\frac{98}{99} \times 99 = ?$

- A) 9899
- B) 9998
- C) 9989

15.



16. AB || CD. Atrodi x!



- A) 35
- B) 40

- C) 50
- D) 70

17.  $\left(\frac{5+5\times 5\div 5-5}{5}\right)^5 = ?$

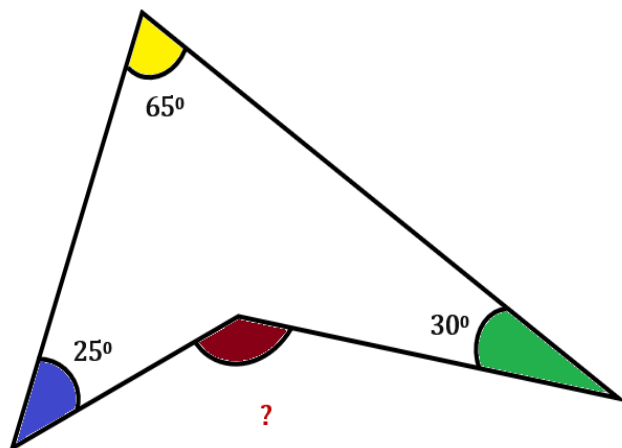
- A) 0
- B) 1
- C) 5

18.  $1 + \sqrt{(-2)^2} \times 3 = ?$

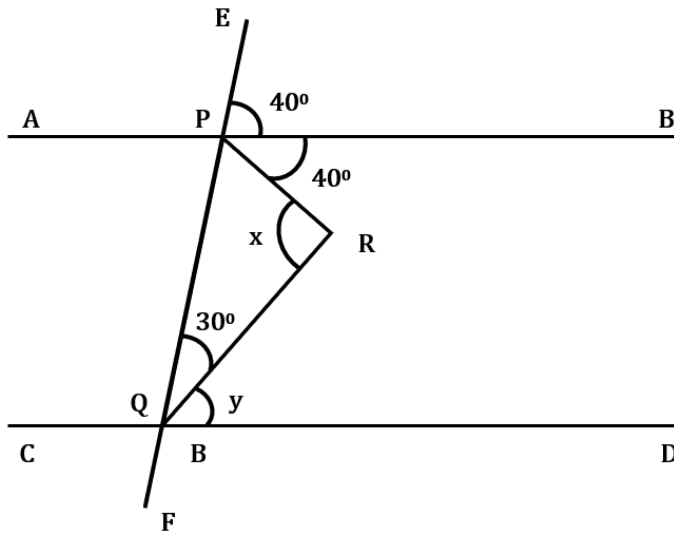
- A) -3
- B) -5
- C) 7

19.  $\frac{99^6}{11^6} = ?$

20.



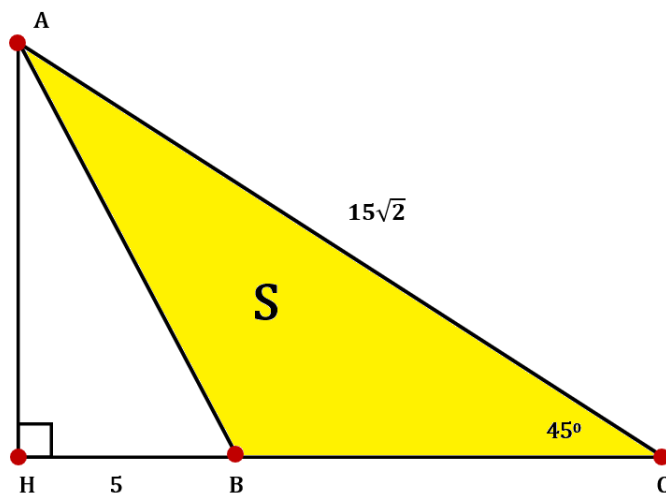
21.  $AB \parallel CD$ . Atrodi  $x + y$ !



- A)  $100^\circ$   
B)  $110^\circ$

- C)  $60^\circ$   
D)  $125^\circ$

22. Atrodi laukumu  $S$ !



23.  $\frac{(5+\sqrt{3})(5-\sqrt{3})}{\sqrt{22}} = ?$

24.

$$\begin{aligned} x^2 &= 4y^2 \\ xy &= -18 \end{aligned}$$

$(x,y) = ?$

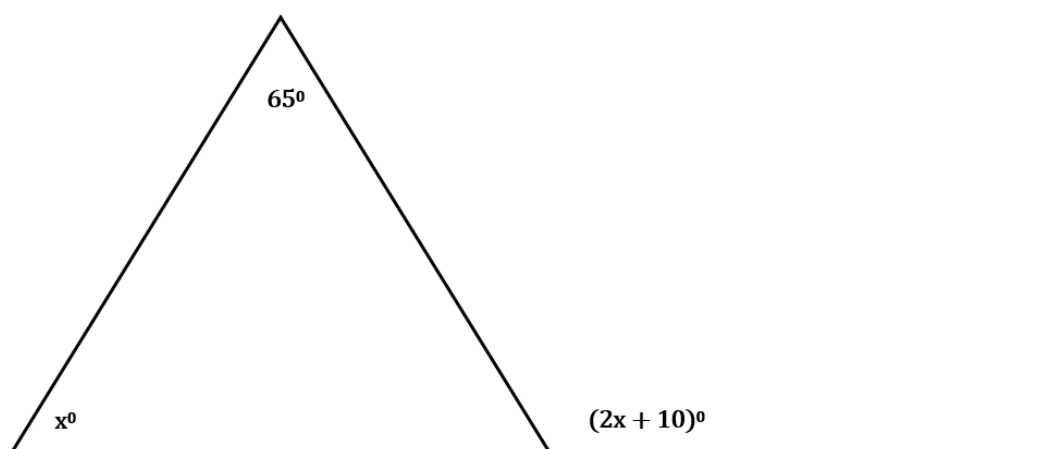


28. Atrodi  $x$ !

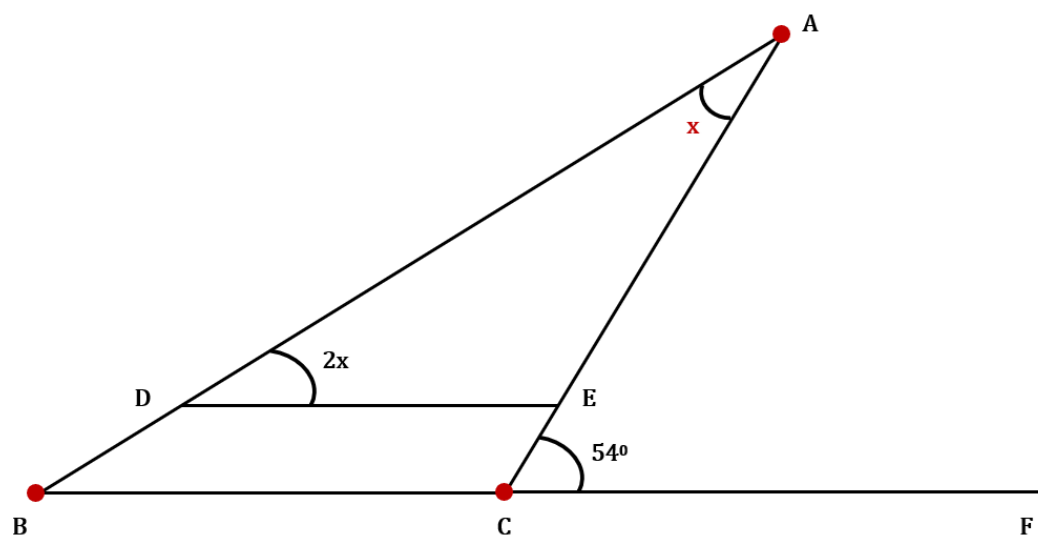
$$7x^2 = \frac{9x^0 + 5}{2x^0}$$

- A) 3
- B) 2
- C) 1

29. Atrodi  $x$ !



30.  $BF \parallel DE$ . Atrodi  $x$ !

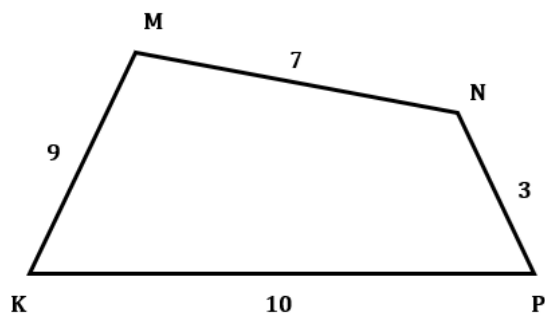


31. Sareizini galvā, izmantojot saīsinātās reizināšanas formulu!

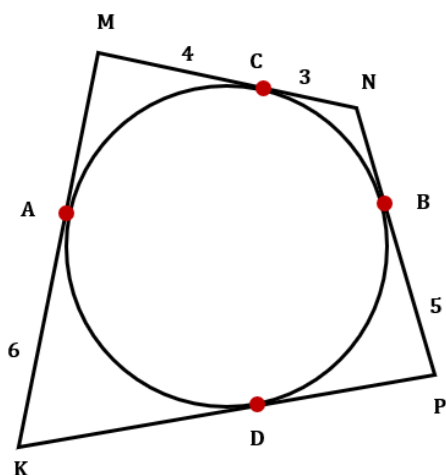
$$59 \times 61$$

**32.** Atrodi četrstūra **MNPK** perimetru!

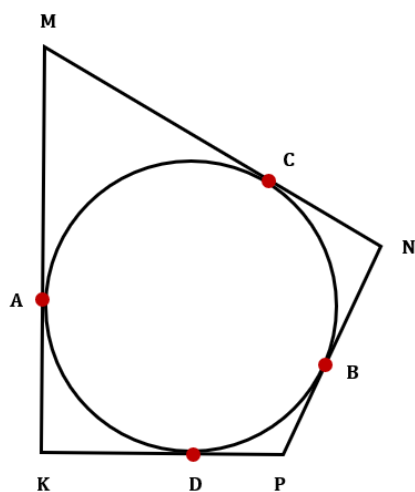
a)



b)  $A, B, C, D$  – pieskaru un riņķa līnijas pieskaršanās punkti

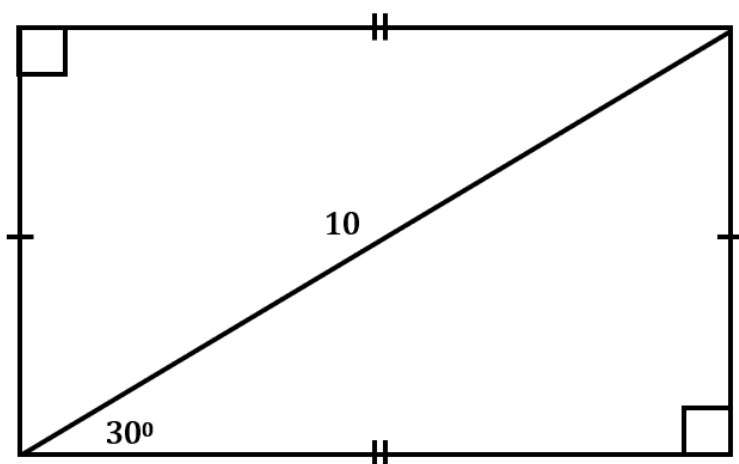


c)  $MN = 16$ ,  $KP = 10$ .  $A, B, C, D$  – pieskaru un riņķa līnijas pieskaršanās punkti





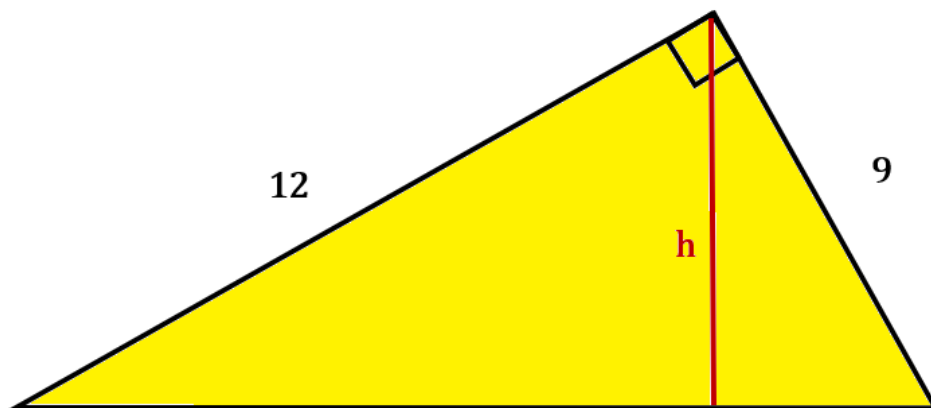
33. Kāds ir taisnstūra laukums?



- A) 10
- B) 25

- C)  $31\sqrt{5}$
- D)  $25\sqrt{3}$

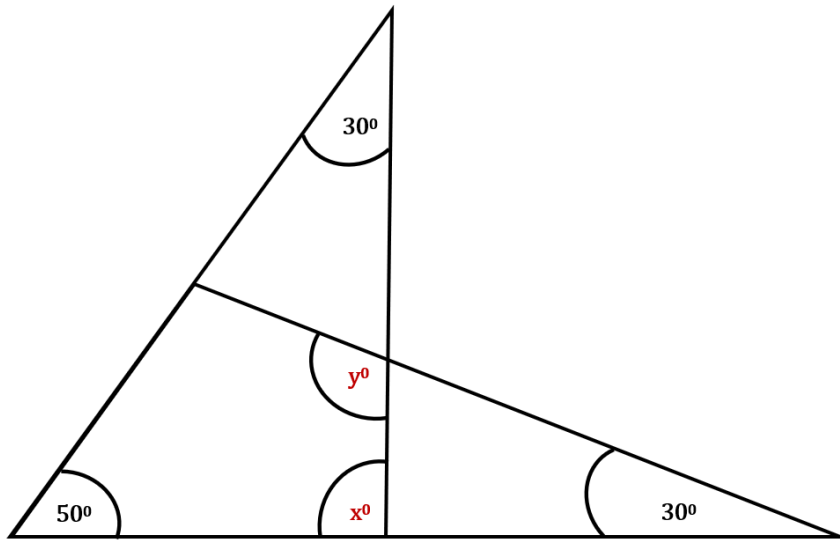
34. Atrodi augstumu  $h$ ?



35. Atrodi mediānu!

- a) 10, 12, 15, 23, 30
- b) 1, 4, 5, 7, 8, 9










**36.** Atrodi  $x$  un  $y$ ?



**37.** Atrodi  $x$ !

$$3^{2^4} + 3^{1^0^4} + 3^{0^4^1} = x$$

**38.**

	+		+		=	9
	+		+		=	13
	+		+		=	15

	x		-		x		=	?
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**39.** Atrodi  $x$ !

$$\sqrt{x - 3} - 4 = 5$$

40. Atrodi  $x!$

$$x = y = 2z$$

$$xyz = 256$$

$$x = ?$$

41.

$$\sqrt{35^2 - 21^2} = ?$$

Skaitlis **41** ir....

Reāls	Jā	Nē
Racionāls	Jā	Nē
Pozitīvs	Jā	Nē
Nenegatīvs	Jā	Nē
Negatīvs	Jā	Nē
Nepozitīvs	Jā	Nē
Vesels	Jā	Nē
Daļskaitlis	Jā	Nē
Naturāls	Jā	Nē
Trīs dalāmais	Jā	Nē
Jaukts skaitlis	Jā	Nē
Pirmskaitlis	Jā	Nē
Salikts skaitlis	Jā	Nē
Divciparu skaitlis	Jā	Nē
Pāra skaitlis	Jā	Nē
Nepāra skaitlis	Jā	Nē
Nulles dalāmais	Jā	Nē
123 dalītājs	Jā	Nē

Jā ..... (cik?)