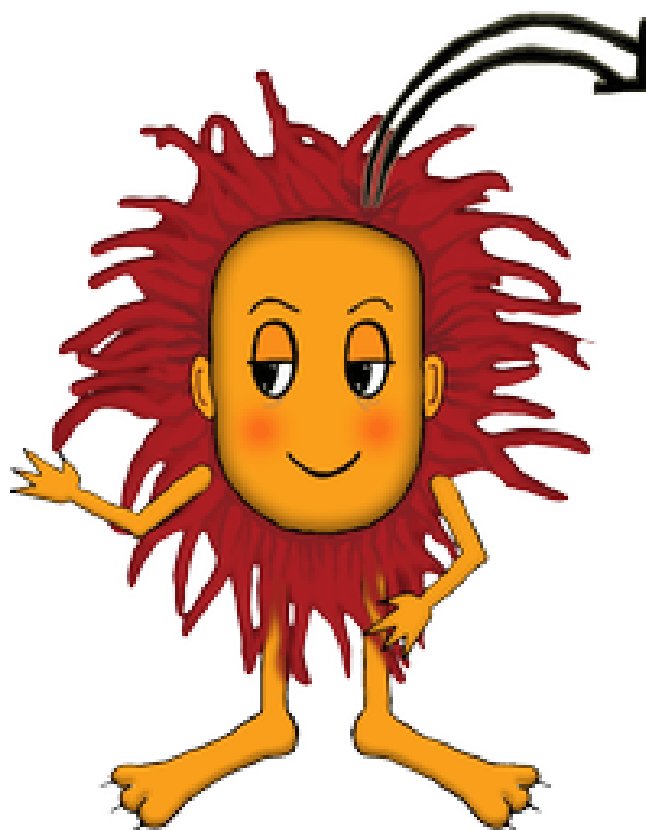


Velika logična pošast



Nomogram za geometrijsko sredino

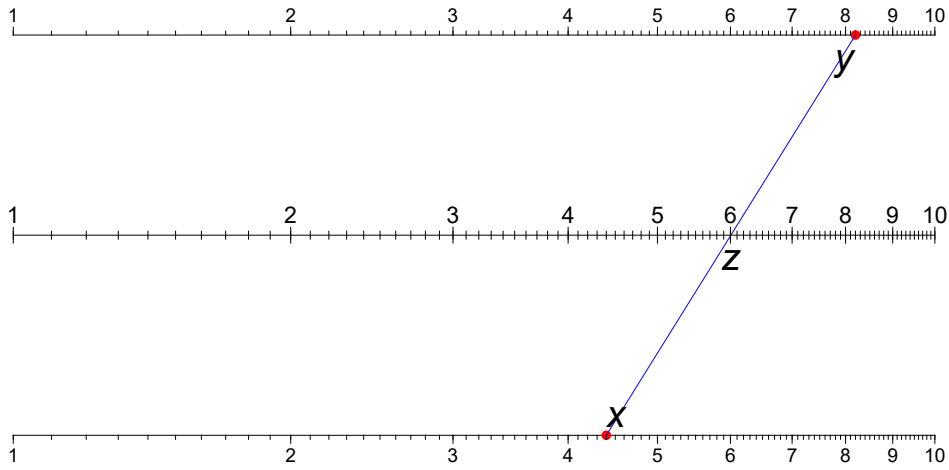
Določi geometrijsko sredino $z = \sqrt{xy}$

z nomogramom. Števili x in y sta dani na eno decimalko, število z pa ugibaj na dve decimalki.

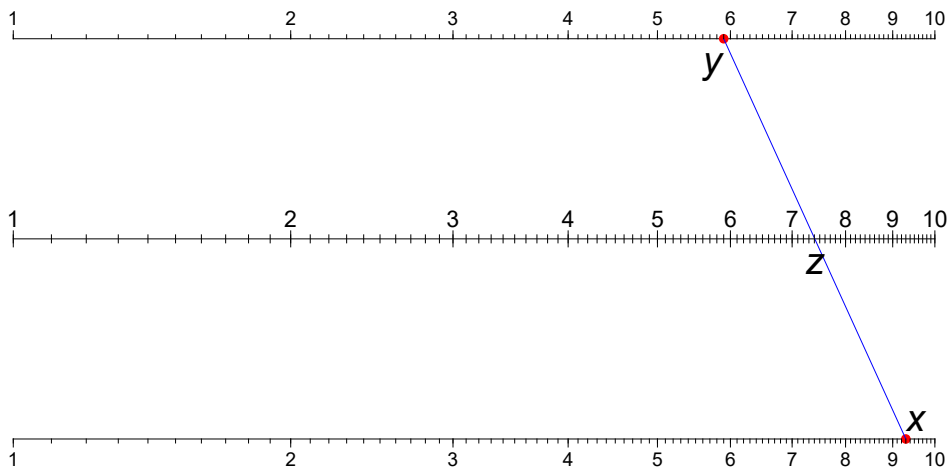
Geometrijsko je točka z aritmetična sredina točk x in y ,

toda lestvice so logaritmične in velja $\log \sqrt{xy} = (\log(x) + \log(y))/2$.

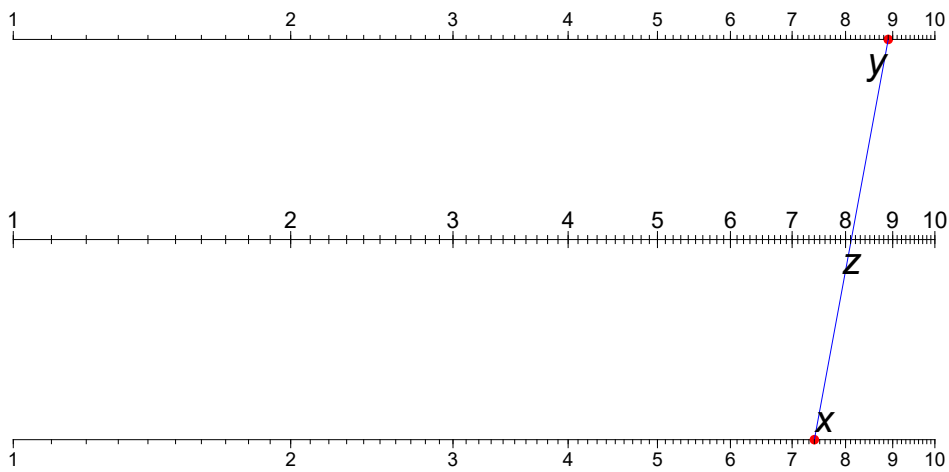
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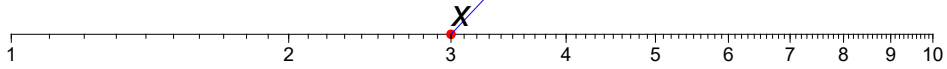
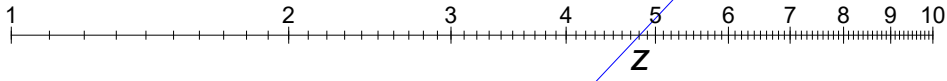
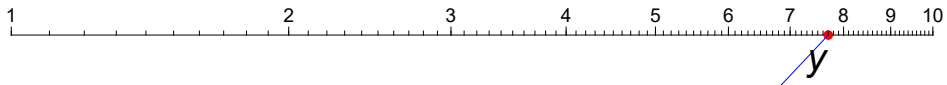
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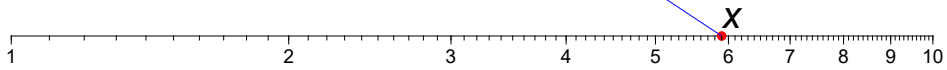
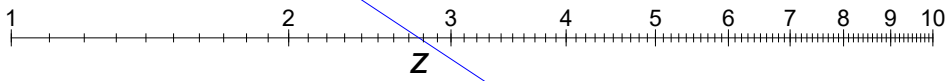
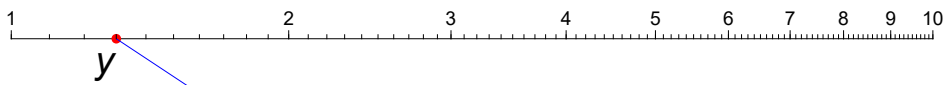
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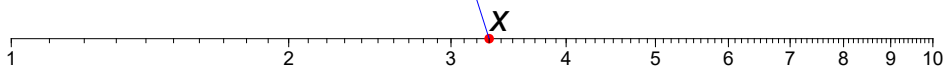
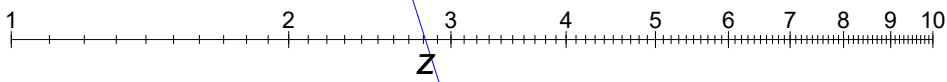
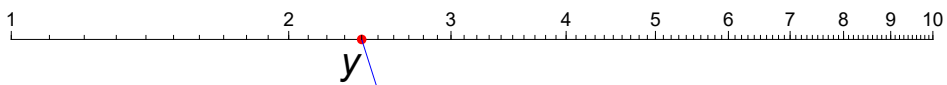
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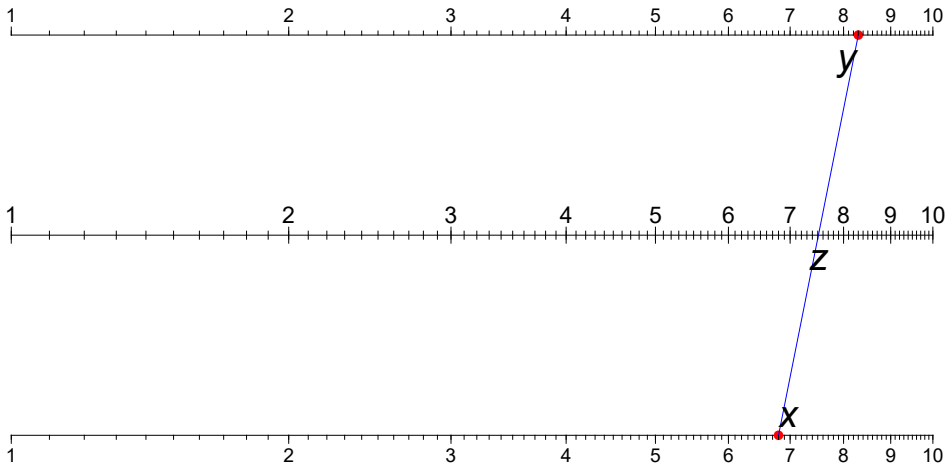
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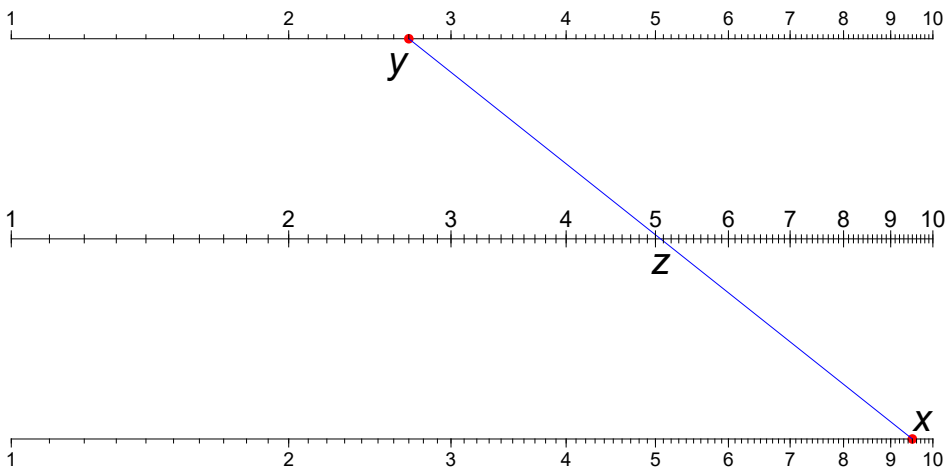
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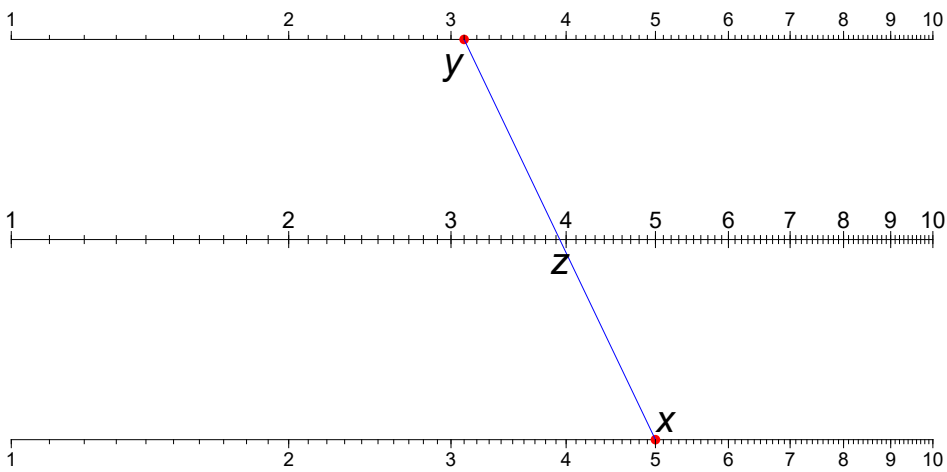
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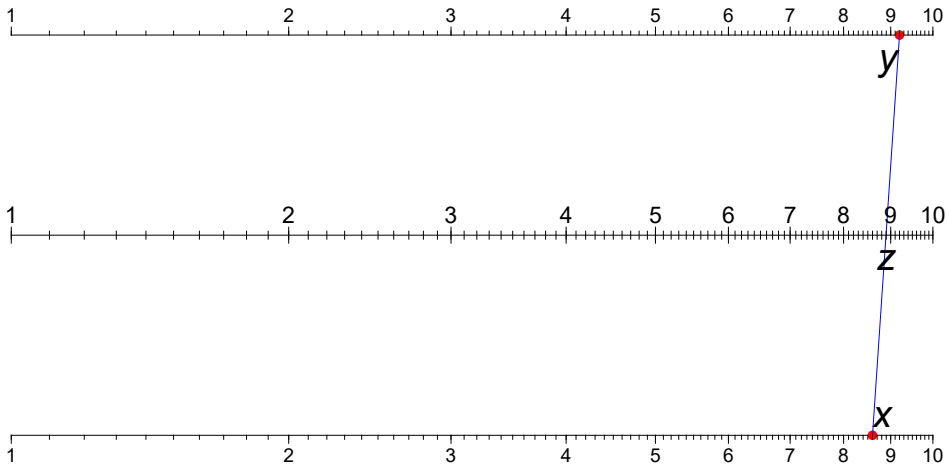
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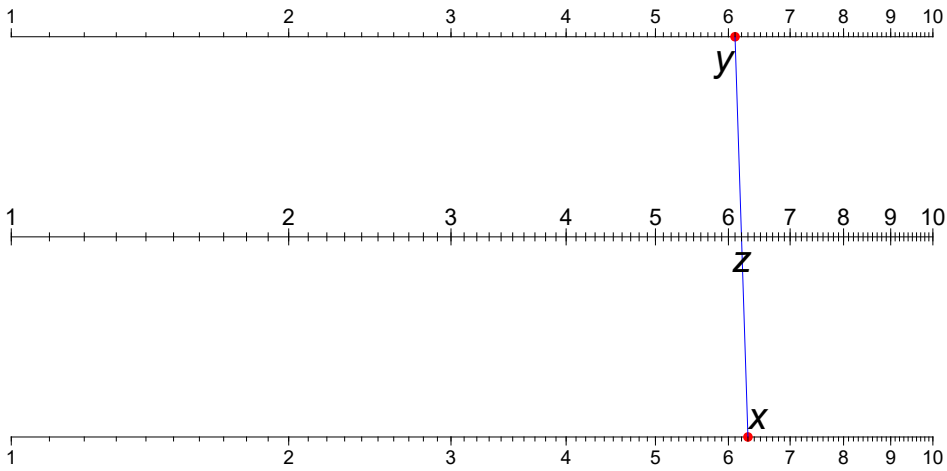
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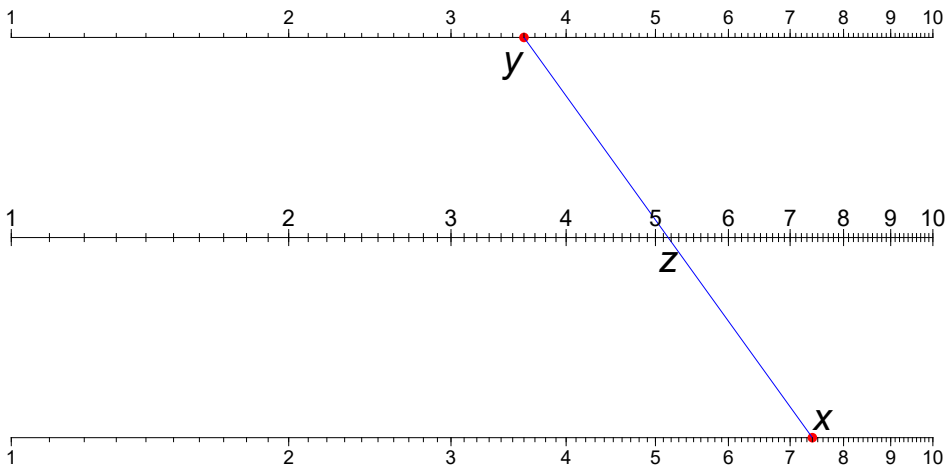
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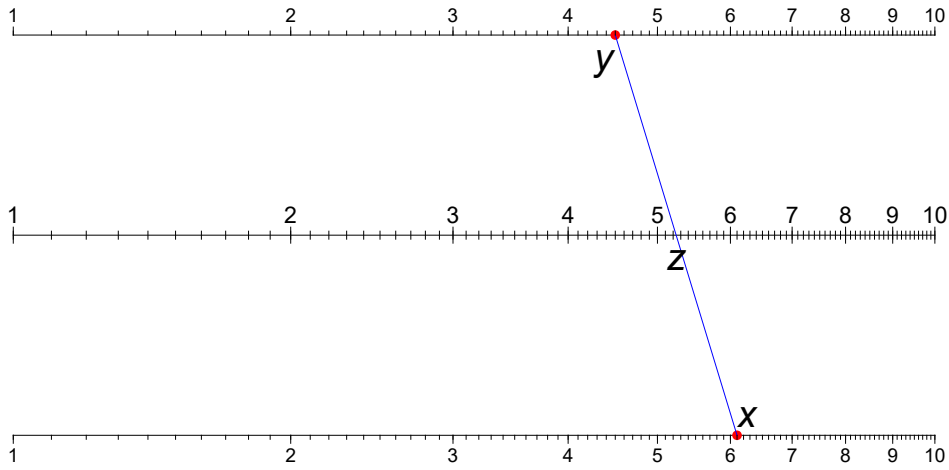
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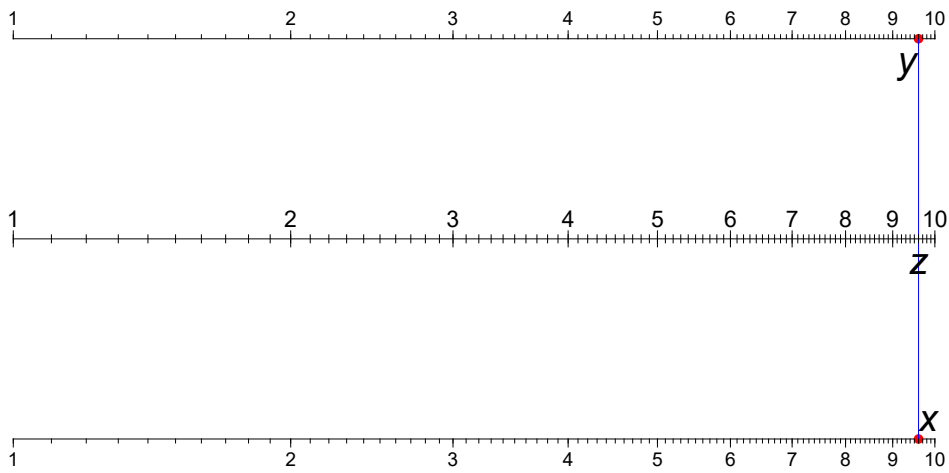
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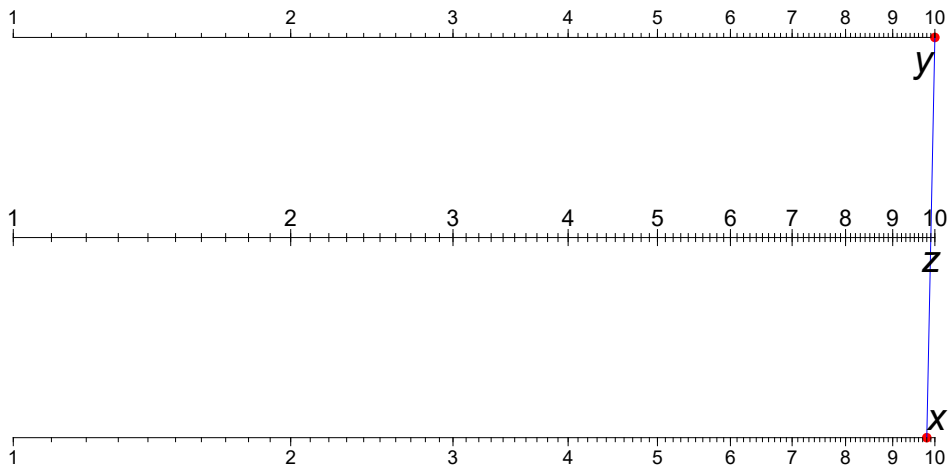
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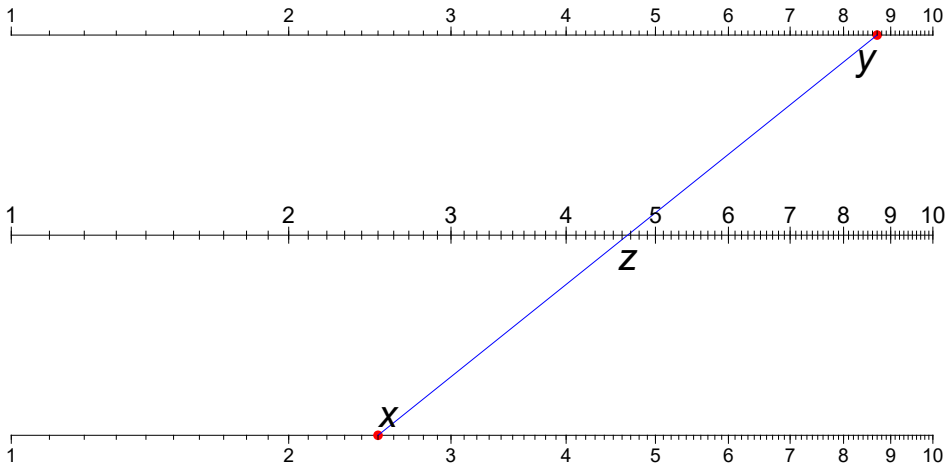
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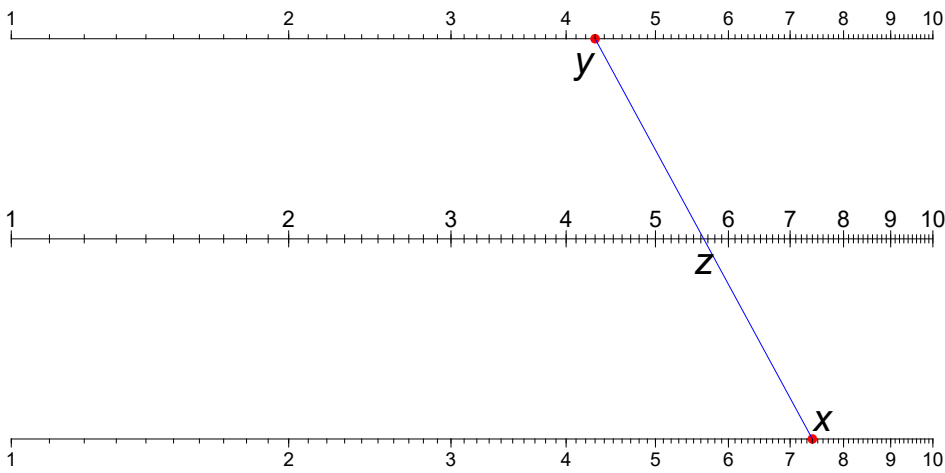
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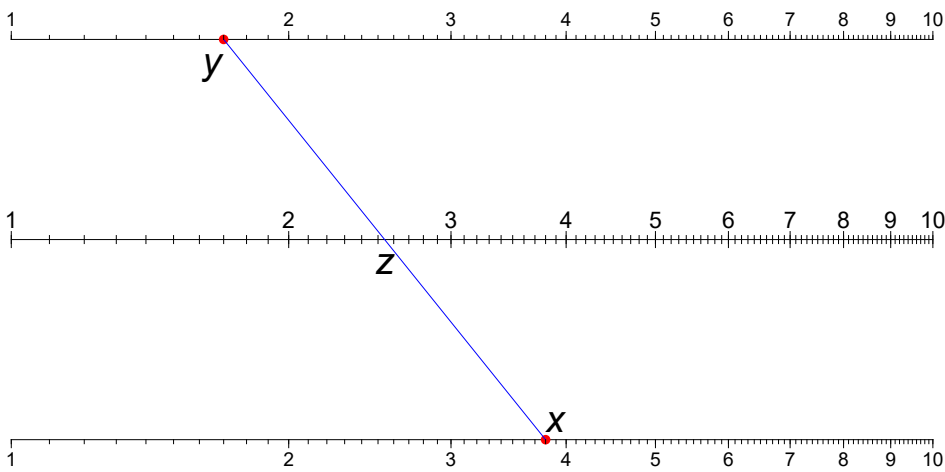
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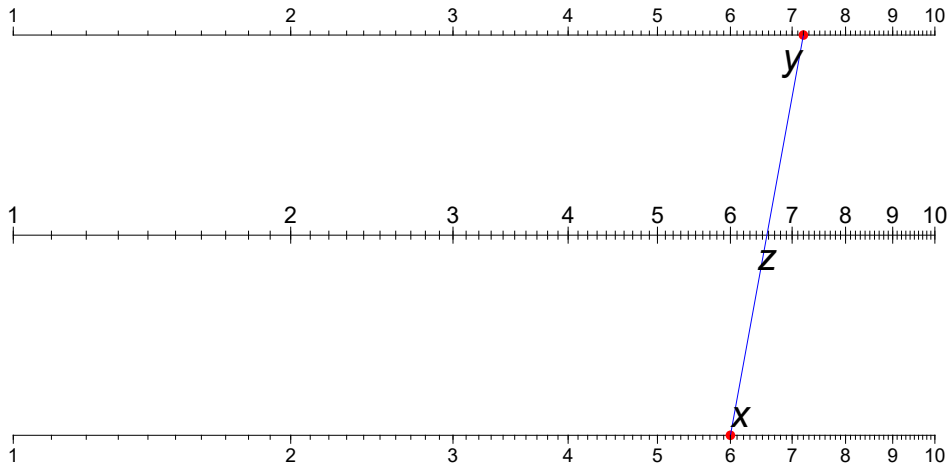
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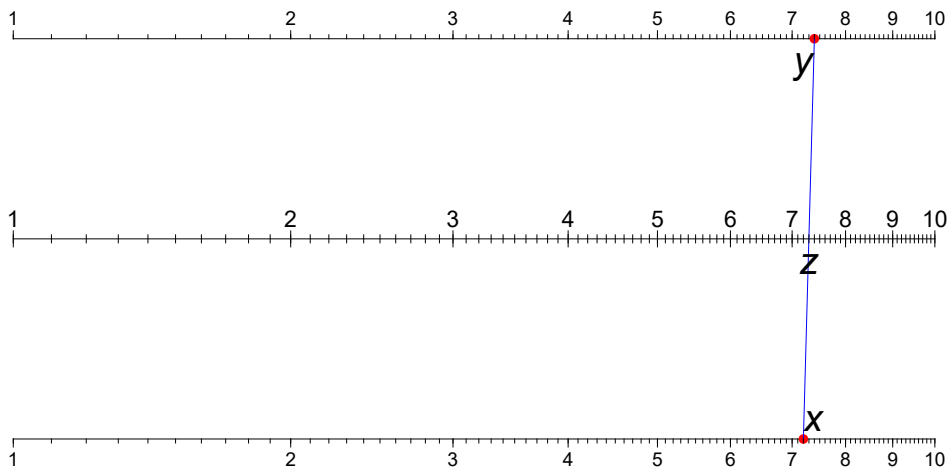
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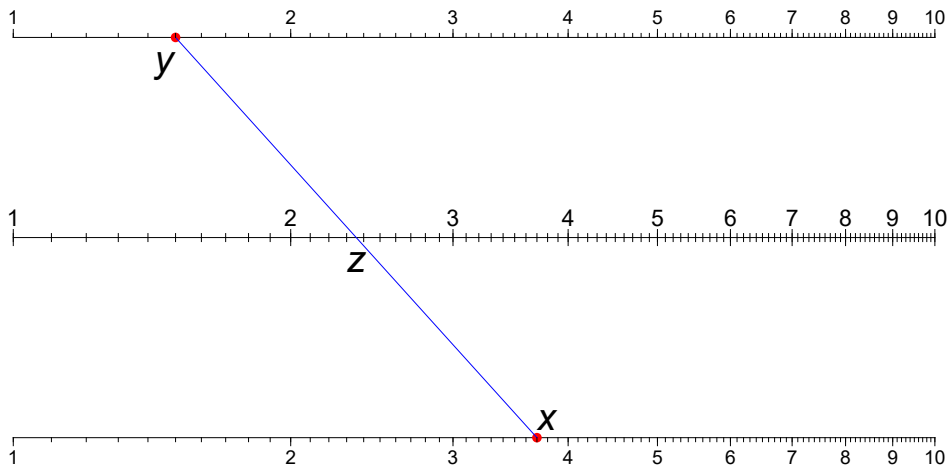
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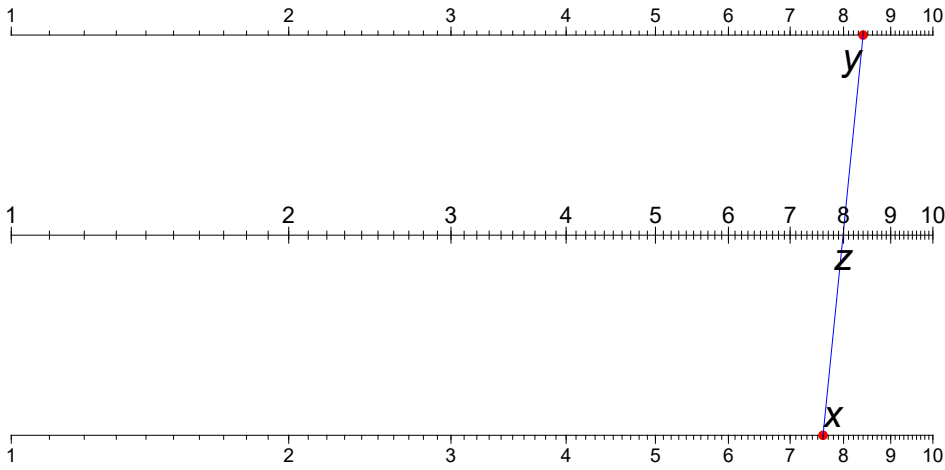
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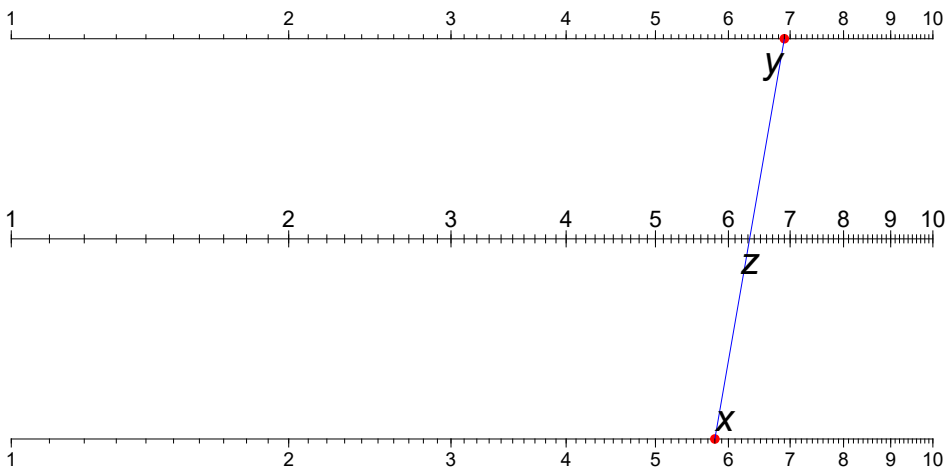
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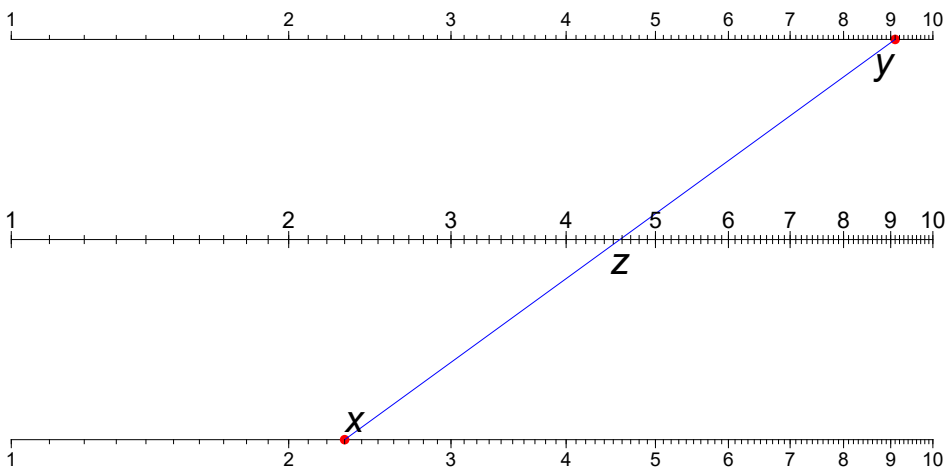
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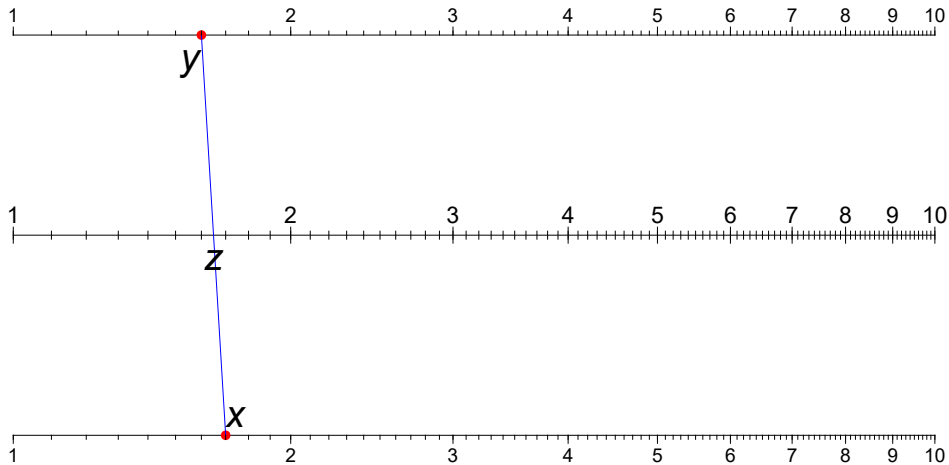
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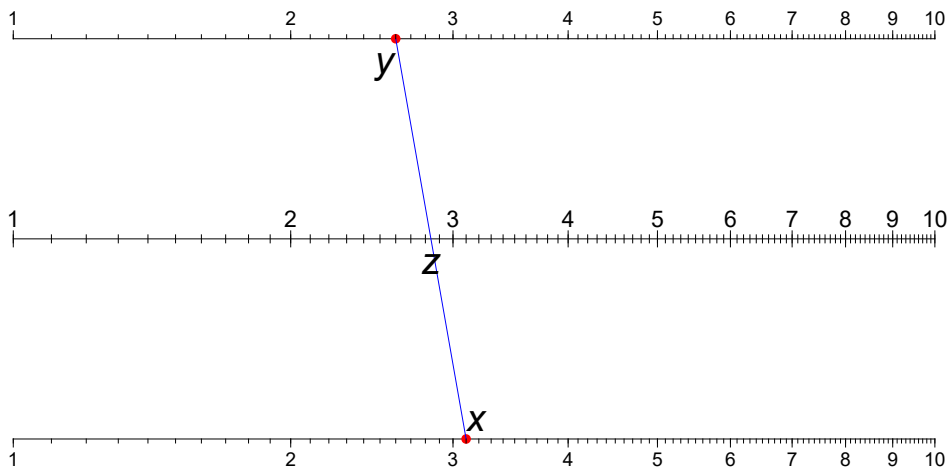
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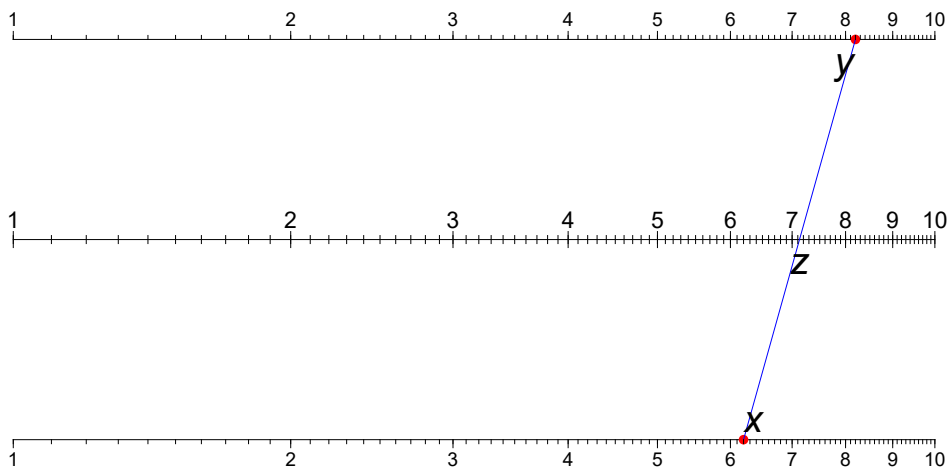
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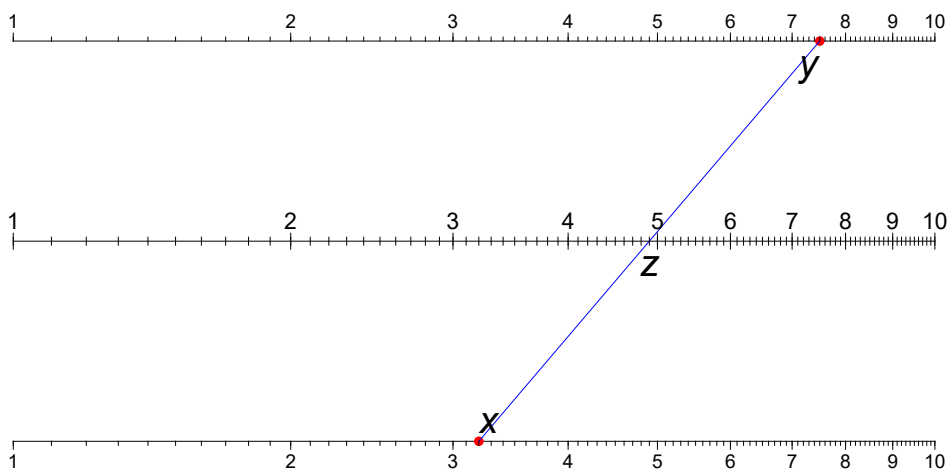
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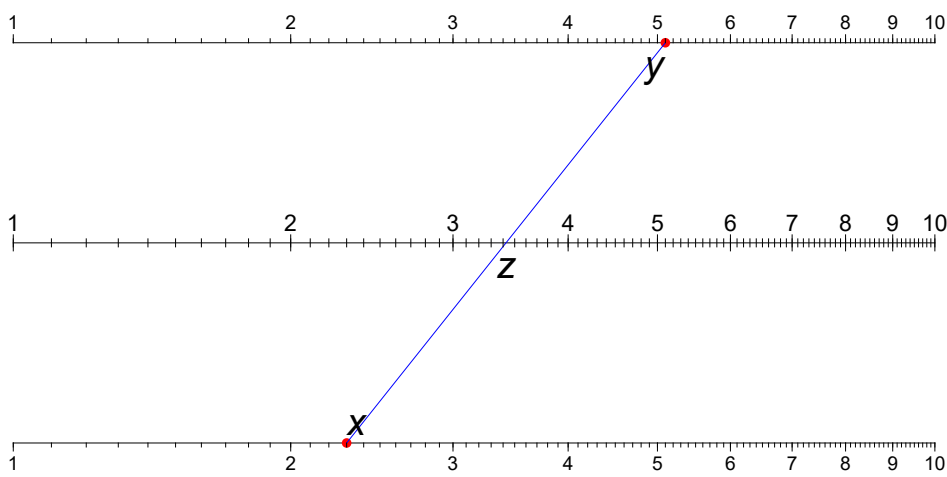
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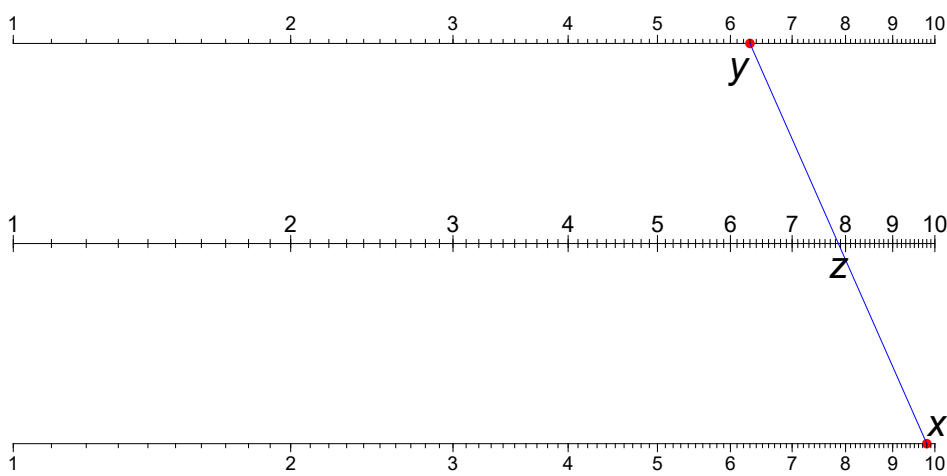
28.



29.



30.



Rešitve:

1.

x	y	\sqrt{xy}
4.4	8.2	6.01

2.

x	y	\sqrt{xy}
9.3	5.9	7.41

3.

x	y	\sqrt{xy}
7.4	8.9	8.12

4.

x	y	\sqrt{xy}
3.	7.7	4.81

5.

x	y	\sqrt{xy}
5.9	1.3	2.77

6.

x	y	\sqrt{xy}
3.3	2.4	2.81

7.

x	y	\sqrt{xy}
6.8	8.3	7.51

8.

x	y	\sqrt{xy}
9.5	2.7	5.06

9.

x	y	\sqrt{xy}
5.	3.1	3.94

10.

x	y	\sqrt{xy}
8.6	9.2	8.89

11.

x	y	\sqrt{xy}
6.3	6.1	6.2

12.

x	y	\sqrt{xy}
7.4	3.6	5.16

13.

x	y	\sqrt{xy}
6.1	4.5	5.24

14.

x	y	\sqrt{xy}
9.6	9.6	9.6

15.

x	y	\sqrt{xy}
9.8	10.	9.9

16.

x	y	\sqrt{xy}
2.5	8.7	4.66

17.

x	y	\sqrt{xy}
7.4	4.3	5.64

18.

x	y	\sqrt{xy}
3.8	1.7	2.54

19.

x	y	\sqrt{xy}
6.	7.2	6.57

20.

x	y	\sqrt{xy}
7.2	7.4	7.3

21.

x	y	\sqrt{xy}
3.7	1.5	2.36

22.

x	y	\sqrt{xy}
7.6	8.4	7.99

23.

x	y	\sqrt{xy}
5.8	6.9	6.33

24.

x	y	\sqrt{xy}
2.3	9.1	4.57

25.

x	y	\sqrt{xy}
1.7	1.6	1.65

26.

x	y	\sqrt{xy}
3.1	2.6	2.84

27.

x	y	\sqrt{xy}
6.2	8.2	7.13

28.

x	y	\sqrt{xy}
3.2	7.5	4.9

29.

x	y	\sqrt{xy}
2.3	5.1	3.42

30.

x	y	\sqrt{xy}
9.8	6.3	7.86

Izidor Hafner Nomogram for the Geometric Mean

[http : //](http://)

[demonstrations.wolfram.com / NomogramForTheGeometricMean /](http://demonstrations.wolfram.com/NomogramForTheGeometricMean/) Wolfram Demonstrations Project

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