

$$2 \cdot 3 = 6$$

$$21 : 3 = 7$$

Nimi: _____

1.

a) $7 + 6 =$	b) $15 - 9 =$	c) $8 \cdot 4 =$
d) $6 \cdot 7 =$	e) $35 : 5 =$	f) $21 : 3 =$

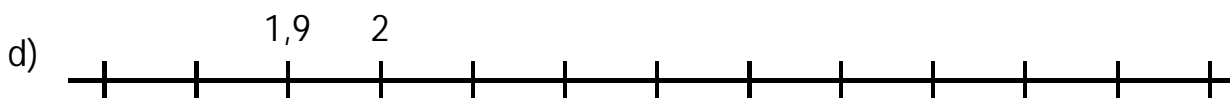
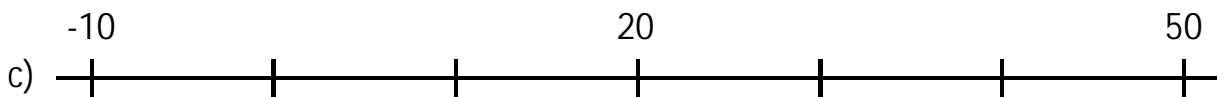
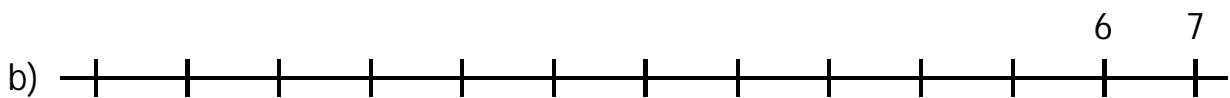
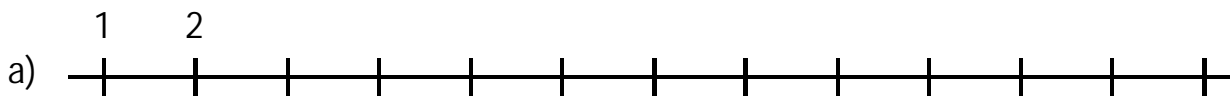
2.

a) $37000 + 500 =$	b) $4 - 3 + 2 =$
c) $432 + 99 =$	d) $7 + 4 \cdot 4 =$
e) $20 - 2 \cdot 3 =$	f) $3 \cdot (7 + 1) =$

3.

	251	252	253	254	255	256	257
a)	561	562	563	564			
b)	296	297	298	299			
c)	8904	8903	8902	8901			

4.



5.

a) $4 - 6 =$

b) $-5 + 9 =$

c) $-3 - 7 =$

6.

a) $1,2 + 0,7 =$

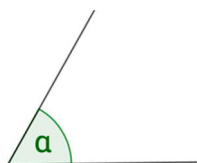
b) $1,3 + 2,8 =$

c) $\frac{2}{5} + \frac{1}{5} =$

d) $\frac{1}{2} + \frac{1}{4} =$

7.

a)



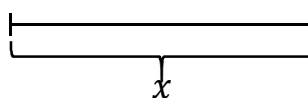
$\alpha = 15^\circ$

$\alpha = 60^\circ$

$\alpha = 90^\circ$

$\alpha = 120^\circ$

b)



$x = 0,4 \text{ cm}$

$x = 4 \text{ cm}$

$x = 14 \text{ cm}$

$x = 24 \text{ cm}$

8.

$$A = (2, 1)$$

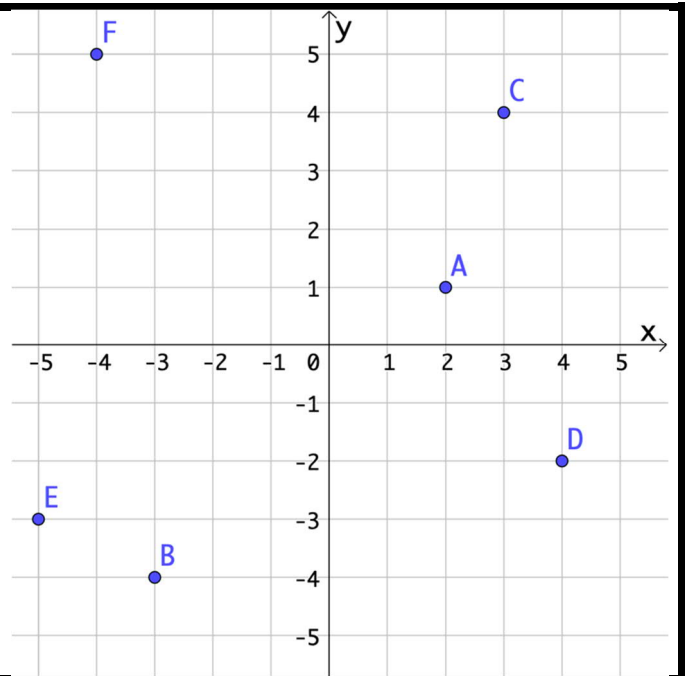
$$B = (-3, -4)$$

C =

D =

E =

F =



9.

a) 3 km = m

b) 4 kg = g

c) 8 h = min

d) 7 m = cm

e) 500 m = km

f) 6 cm² = mm²

10.

a)  = 15 €

 =

b) $x + 2 = 5$
 $x =$

c) $x + x + 1 = 11$
 $x =$

11.	a) $6 - 2 \cdot (-4) =$	b) $2 - (-5) =$
	c) $-2 \cdot (-4) =$	d) $10 : (-2) =$
	e) $-2 \cdot (8 - (9 - 7)) =$	
	f) $8 - (3 - (12 + (-9))) =$	

12.	a) $\frac{3}{6} = \frac{\quad}{2}$	b) $\frac{14}{42} = \frac{2}{\quad}$
	c) $\frac{2}{7} - \frac{1}{7} =$	d) $\frac{2}{5} + \frac{1}{2} =$
	e) $2\frac{2}{3} \cdot \frac{5}{4} =$	
	f) $\frac{3}{4} : \frac{2}{3} =$	
	g) $2 \cdot (\frac{1}{4} - 1) =$	

13.	a) $6 \cdot 10 =$	b) $150 : 10 =$	c) $23 \cdot 100 =$
	d) $2,3 \cdot 100 =$	e) $3,2 : 10 =$	f) $305 : 100 =$

14.	a) $2^3 =$	b) $(-4)^2 =$
	c) $1 + 2 \cdot 5^2 =$	

15.	a) $\sqrt{16} =$	b) $\sqrt{9 \cdot 81} =$	c) $\sqrt{\frac{36}{49}} =$
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16. a) $9a + 5a =$

b) $7a + 7b + 8b + 9a =$

c) $3(a + b) =$

d) $6a \cdot 4a =$

e) $4a \cdot (9a + 6) =$

f) $(8ab)^2 =$

17. a) $3x + 11 = 56$

b) $4x^2 - 16 = 84$

c)
$$\begin{cases} 5x + 9y = 55 \\ 5x + 3y = 25 \end{cases}$$

d) $\frac{7x}{8} = \frac{14}{4}$