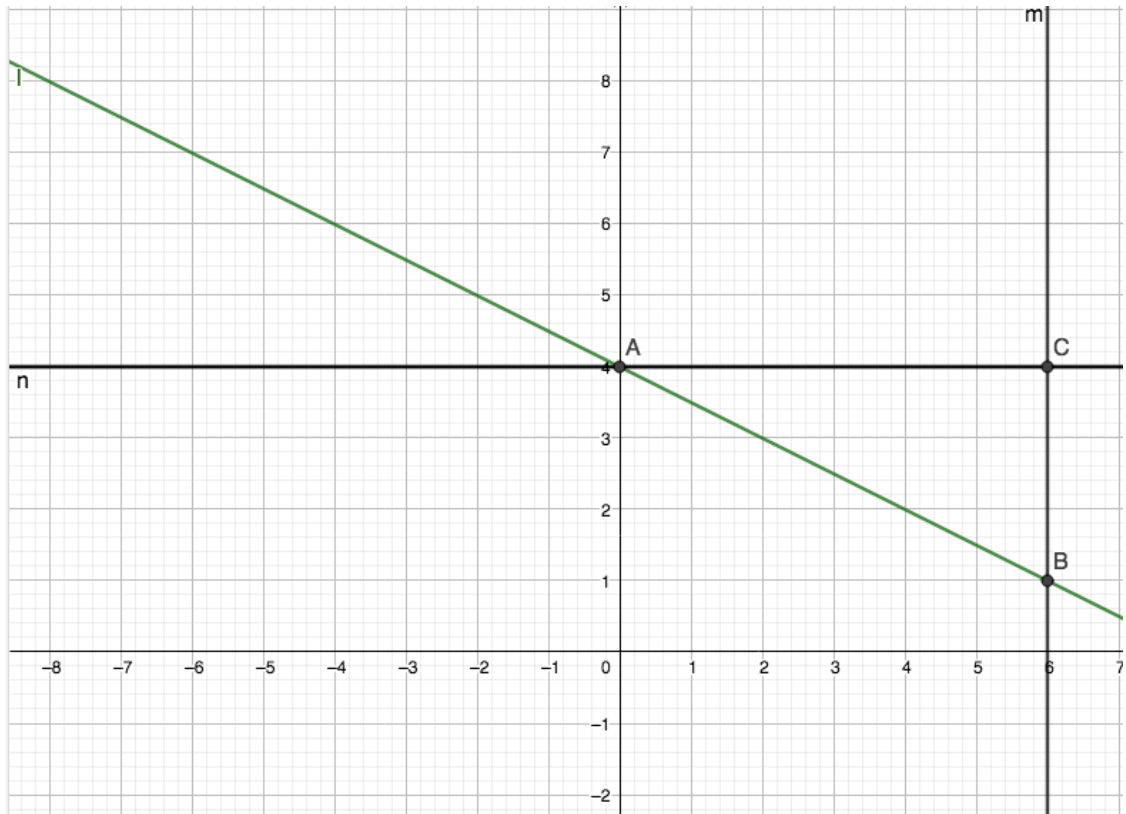


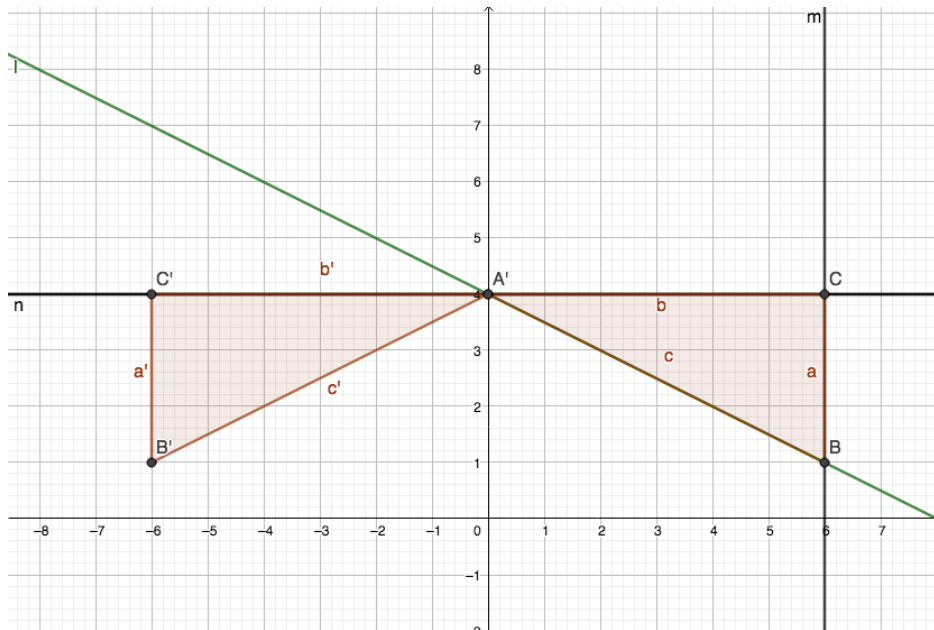
Stykki, sum vóru latin inn 13. apríl 2018, útroknað

5a
Sí tekning

5b
 $A = (0,4)$
 $B = (6,1)$
 $C = (6,4)$



5c



8.b

Stykki, sum vóru latin inn 13. apríl 2018, útroknað

6a

$$\begin{aligned} &a(2a + 3) - (2a + 2)(2a - 2) - 3a \\ &2a^2 + 3a - (4a^2 - 4a + 4a - 4) - 3a \\ &2a^2 + 3a - 4a^2 + 4a - 4a + 4 - 3a \\ &\mathbf{- 2a^2 + 4} \end{aligned}$$

6b

$$\begin{aligned} &a = 2 \\ &- 2(2^2) + 4 \\ &- 2(4) + 4 \\ &- 8 + 4 = \mathbf{- 4} \end{aligned}$$

6c

$$\begin{aligned} &x + 3 + 3(x - 3) = 6 \\ &x + 3 + 3x - 9 = 6 \\ &4x = 6 - 3 + 9 \\ &4x = 12 \\ &x = \frac{12}{4} \end{aligned}$$

$$\mathbf{x = 3}$$

8.b