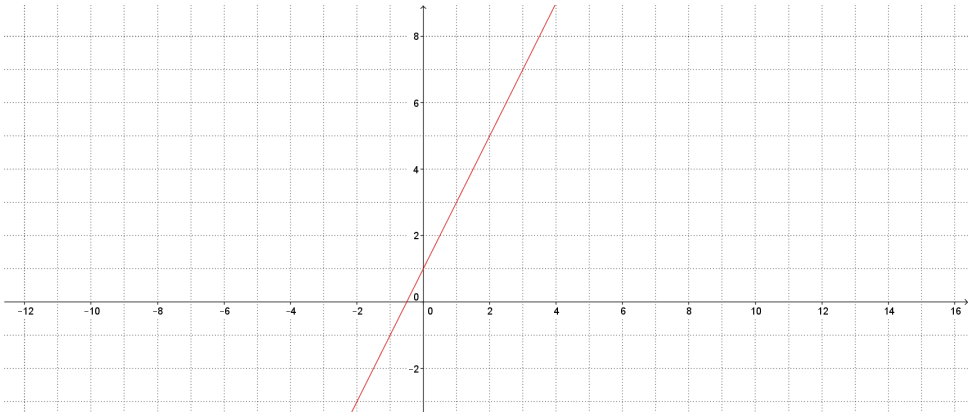
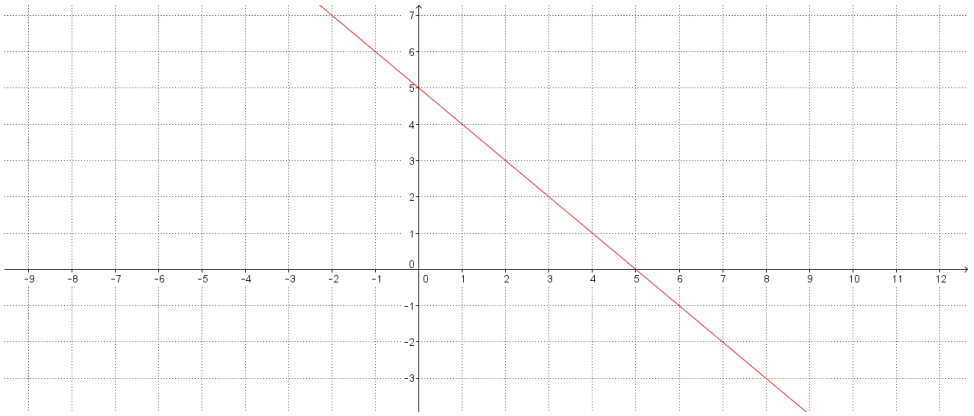
1. Find the equation of the following lines;
   i. Point $(2, 3)$, slope $= 1$
   ii. Point $(3, -1)$, slope $= -1$
   iii. Point $(0, 0)$, slope $= 3$
   iv. Point $(2, 3)$, slope $= \frac{3}{2}$
   v. Point $(-2, -5)$, slope $= \frac{-3}{4}$
   vi. Point $(4, 0)$, slope $= \frac{-1}{2}$
2. Find the equation of the lines containing the following points:
   i. $(3, 2)$ and $(5, 4)$
   ii. $(2, 1)$ and $(3, 3)$
   iii. $(3, -2)$ and $(1, 4)$
   iv. $(-1, -1)$ and $(-4, -5)$
   v. $(3, -4)$ and $(-2, -1)$
   vi. $(-3, -2)$ and $(-2, 4)$
3. Using any two points on the lines in the following diagrams, find the equation of each line

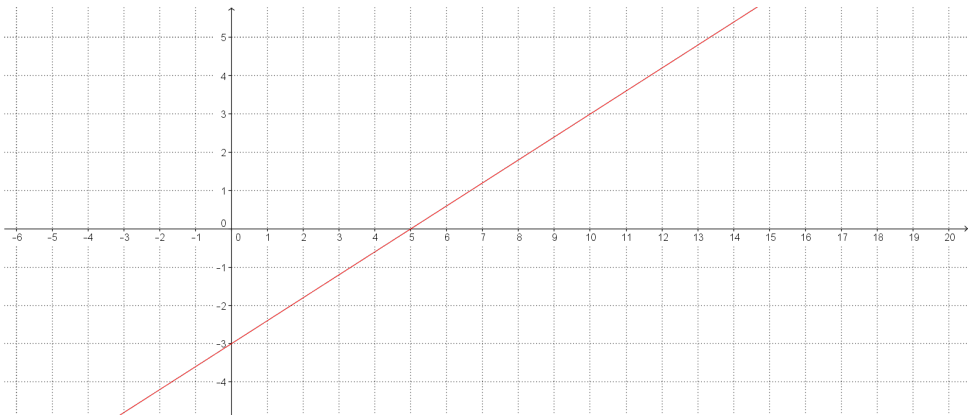


i.



ii.

iii.


-6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
5 4 3 2 1 0 -1 -2 -3 -4