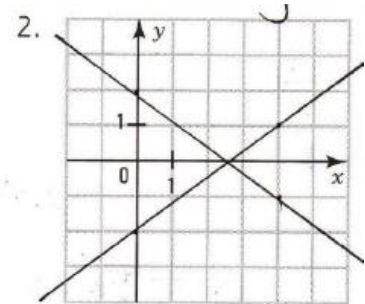
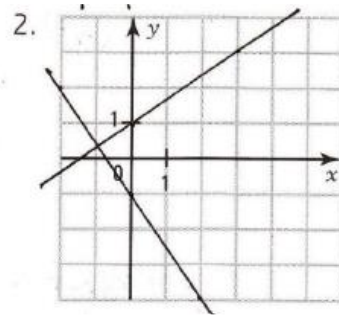
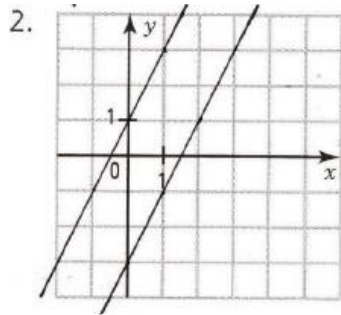


5. a) 1. Parallel & Distinct b) 1. Perpendicular c) 1. Intersecting lines



6. a) $k = \frac{3}{2}$
b) $k = -\frac{1}{6}$
c) $k = 1$
d) $k = -\frac{3}{4}$