

# Oefentoets

Wiskunde LJ2P2

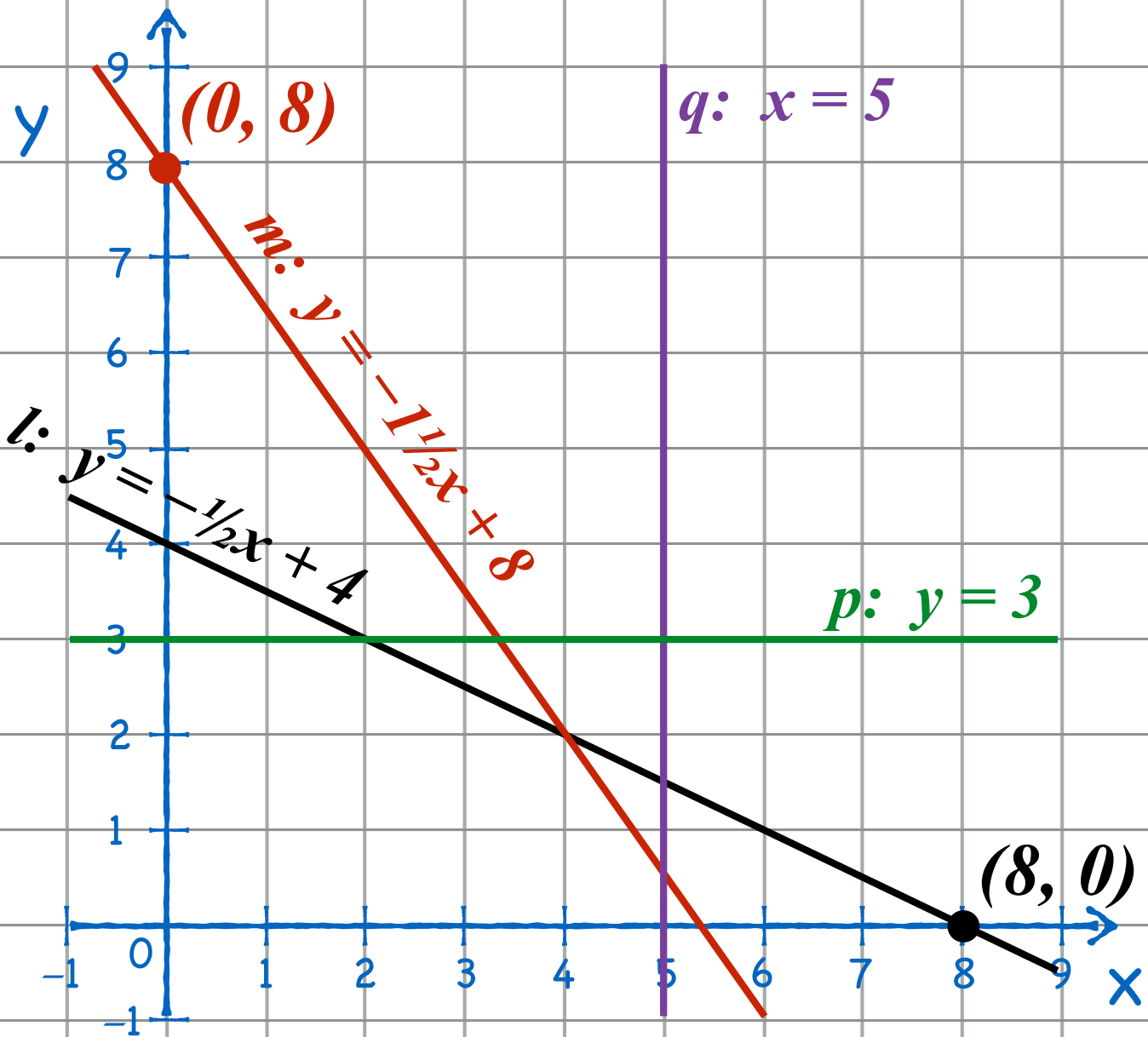
1.



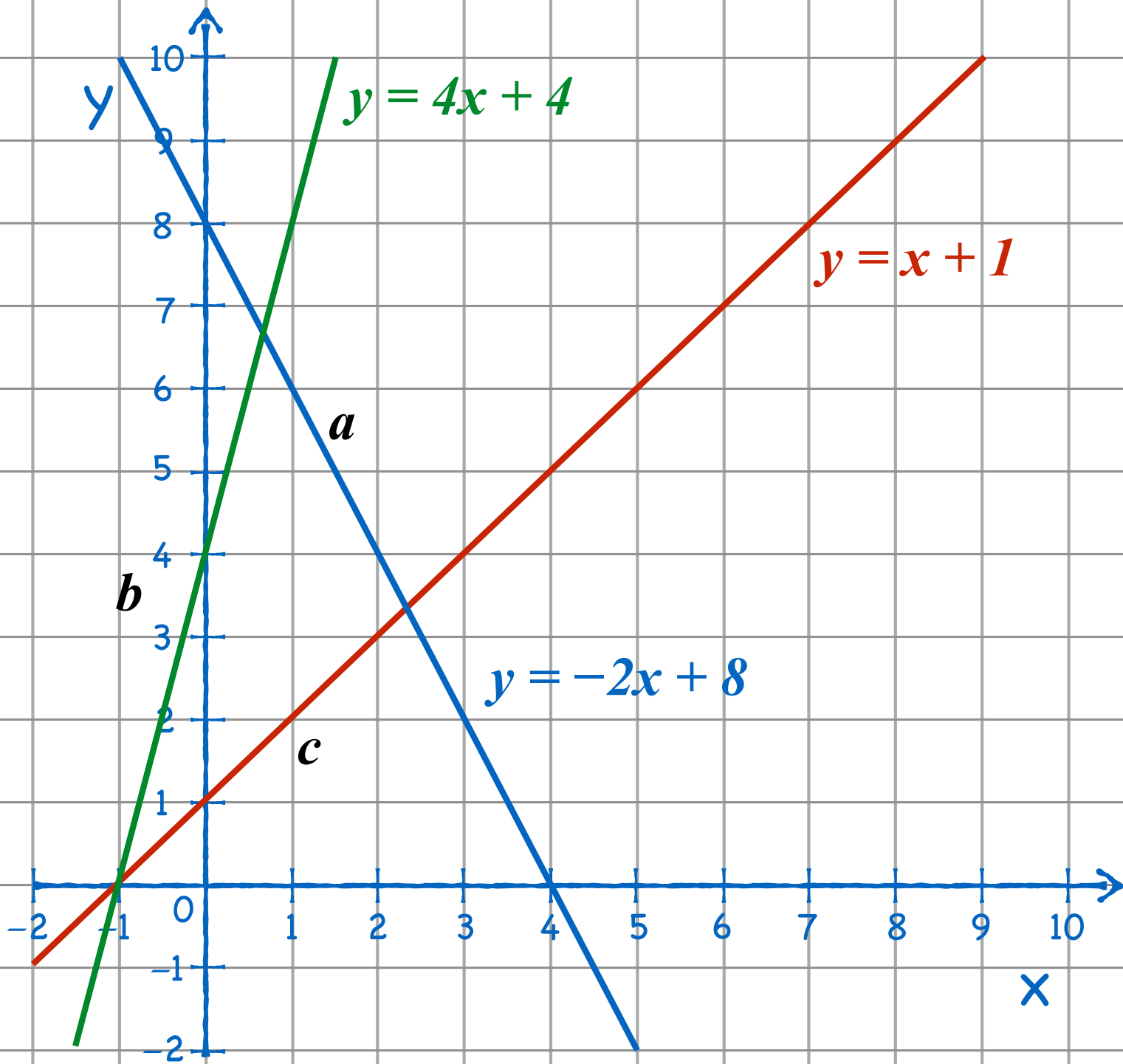
Denk bij het assenstelsel aan:

- pijlpunten
- x en y bij de assen
- streepjes op de assen
- cijfers bij de streepjes

1.



2.



### 3. Snijpunt berekenen

$$\text{a).} \quad -3x + 1250 = \frac{1}{4}x - 24$$

$$\quad - \frac{1}{4}x \qquad \qquad - \frac{1}{4}x$$

$$-3\frac{1}{4}x + 1250 = -24$$

$$\qquad -1250 \qquad \qquad -1250$$

$$-3\frac{1}{4}x = -1274$$

$$x = -1274 \div -3\frac{1}{4}$$

$$x = 392$$

Snijpunt:  
(392, 74)

$$y = -3x + 1250$$

$$y = -3 \times 392 + 1250$$

$$y = 74$$

$$y = \frac{1}{4}x - 24$$

$$y = \frac{1}{4} \times 392 - 24$$

$$y = 74$$

### 3. Snijpunt berekenen

$$\text{b). } 6x + 520 = -\frac{1}{2}x - 780$$
$$+ \frac{1}{2}x \qquad \qquad \qquad + \frac{1}{2}x$$

$$6\frac{1}{2}x + 520 = -780$$
$$\qquad \qquad - 520 \qquad \qquad \qquad - 520$$

$$6\frac{1}{2}x = -1300$$

$$x = -1300 \div 6\frac{1}{2}$$

$$x = -200$$

Snijpunt:  
(-200, -680)

$$y = 6x + 520$$

$$y = 6 \times -200 + 520$$

$$y = -680$$

$$y = -\frac{1}{2}x - 780$$

$$y = -\frac{1}{2} \times -200 - 780$$

$$y = -680$$