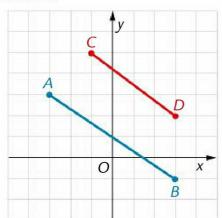
354 Stabilisci se i due segmenti AB e CD disegnati nella figura sono paralleli.



$$A(-3,3)$$
 $B(3,-1)$

$$\begin{array}{c}
M_{AB} = \frac{5}{3} = \frac{5}{3} = \frac{-1}{3} = \frac{-4}{3} = \frac{2}{3} \\
M_{CD} = \frac{5}{3} = \frac{2}{3} = \frac{3}{3} = \frac{3}{3}$$

355 Stabilisci se le rette r ed s disegnate nella figura sono perpendicolari.

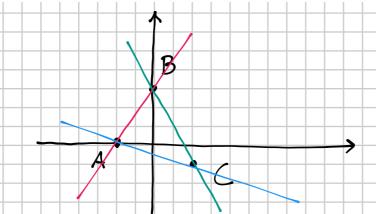
$$C(0,4)$$
 $D(4,-2)$

$$m_{cD} = \frac{-2-4}{4-0} = \frac{6}{4}$$

Siccone
$$m_{AB} = \frac{1}{m_{CD}}$$
 = $\frac{1}{m_{CD}}$ = $\frac{2}{3}$

Scrivi le equazioni delle rette cui appartengono i lati del triangolo ABC, essendo A(-2, 0), B(0, 3), C(2, -1).

$$[3x - 2y + 6 = 0; 2x + y - 3 = 0; x + 4y + 2 = 0]$$



Retta AB

$$\frac{4-0}{3-0} = \frac{x+2}{0+2}$$

$$\frac{y}{3} = \frac{x+2}{2}$$

$$2y = 3(x+2)$$

$$C(2,-1)$$

$$3x - 2y + 6 = 0$$

$$\frac{4-0}{-1-0} = \frac{x+2}{2+2}$$

$$\frac{y}{-1} = \frac{x+z}{4}$$

$$4y = -(x + 2)$$

Retta BC

$$B(0,3) \subset (z,-1)$$

$$y-3 = x-0$$

-1-3 2-0

$$\frac{y-3}{-4} = \frac{x}{2}$$

2×+4-3=0