

4) The coordinates of the endpoints of segments are given as A(24,-1),
B(12,5) and C(4,1), D(2,13). Are the two line segments parallel,
perpendicular, or neither?

$$M_{AB} = \frac{5 - (-1)}{12 - 34} = \frac{-1}{-12}$$

$$M_{AB} = \frac{5 - (-1)}{3 - (-4)} = \frac{-12}{-12} = -3$$

$$M_{AB} = \frac{13 - 1}{3 - (-4)} = \frac{-12}{-12} = -3$$

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$$M_{AB} = \frac{-5 - (-4)}{3 - (-4)} = \frac{-12}{-12} = -3$$

$$M_{AB} = \frac{-5 - 7}{3 - (-2)} = -\frac{-12}{-12} = -3$$

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$$M_{AB} = \frac{5 - 7}{-(-2)} = -\frac{12}{-3} = -\frac{1}{-3}$$

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$$M_{AB} = \frac{1}{-1} = -\frac{1}{-1}$$

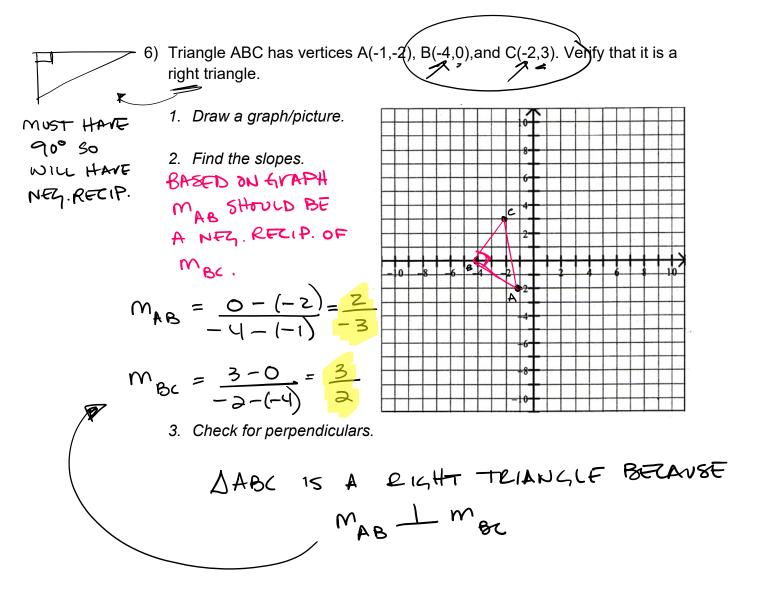
$$M_{AB} = \frac{1}{-1} = -\frac{1}{-3}$$

$$M_{AB} = \frac{1}{-1} = -\frac{1}{-1}$$

$$M$$

T

V(7,2)



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