

Pendenza di un segmento a coordinate frazionarie

Periodo 2 - UdA 2

Trovare la pendenza m e rappresentare graficamente il segmento $\overline{AB}$

1. $A(1; -1) \quad B\left(0; \frac{4}{3}\right)$
2. $A\left(\frac{2}{5}; -1\right) \quad B\left(\frac{3}{5}; 0\right)$
3. $A\left(0; \frac{1}{2}\right) \quad B\left(-\frac{1}{2}; 1\right)$
4. $A(-2; 0) \quad B\left(\frac{1}{2}; \frac{1}{4}\right)$
5. $A\left(\frac{1}{2}; \frac{1}{8}\right) \quad B\left(-1; \frac{3}{8}\right)$
6. $A\left(-3; \frac{1}{2}\right) \quad B\left(-\frac{1}{2}; -2\right)$
7. $A\left(\frac{2}{5}; 0\right) \quad B\left(-\frac{1}{2}; -\frac{1}{2}\right)$
8. $A\left(\frac{3}{4}; \frac{1}{2}\right) \quad B\left(-1; -\frac{1}{2}\right)$
9. $A\left(\frac{3}{4}; -\frac{1}{2}\right) \quad B\left(-\frac{1}{3}; -\frac{1}{3}\right)$
10. $A\left(\frac{1}{9}; -\frac{1}{3}\right) \quad B\left(0; \frac{1}{3}\right)$
11. $A\left(\frac{1}{3}; 0\right) \quad B\left(-\frac{2}{3}; 1\right)$
12. $A\left(\frac{1}{2}; \frac{2}{3}\right) \quad B(-1; -1)$

SOLUZIONI (pendenze)

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[1] $m = -\frac{7}{3}$

[2] $m = 5$

[3] $m = -1$

[4] $m = \frac{1}{10}$

[5] $m = -\frac{1}{6}$

[6] $m = -1$

[7] $m = \frac{5}{9}$

[8] $m = \frac{4}{7}$

[9] $m = -\frac{2}{13}$

[10] $m = -6$

[11] $m = -1$

[12] $m = \frac{10}{9}$