

Punti a coordinate frazionarie

Periodo 2 - UdA 2

Rappresentare sul piano i seguenti punti

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

SOLUZIONI (frazioni a denominatore comune)

Punti a coordinate frazionarie

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