Gabarito * adição de fração - metrologia * Gabarito

Prof. Eduardo J. Stefanelli - www.stefanelli.eng.br

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Column headers: **mesmo denominador** — **irredutível** — **mista**

a) $\dfrac{49}{256} + \dfrac{459}{512} = \dfrac{98}{512} + \dfrac{459}{512} = \dfrac{557}{512}$ ____ $= 1\ \dfrac{45}{512}$

b) $\dfrac{103}{512} + \dfrac{127}{256} = \dfrac{103}{512} + \dfrac{254}{512} = \dfrac{357}{512}$ ____ ____

c) $\dfrac{39}{512} + \dfrac{331}{512} = \dfrac{39}{512} + \dfrac{331}{512} = \dfrac{370}{512} = \dfrac{185}{256}$ ____

d) $\dfrac{57}{512} + \dfrac{319}{512} = \dfrac{57}{512} + \dfrac{319}{512} = \dfrac{376}{512} = \dfrac{47}{64}$ ____

e) $\dfrac{471}{512} + \dfrac{41}{512} = \dfrac{471}{512} + \dfrac{41}{512} = \dfrac{512}{512}$ ____ $= 1$ ____

f) $\dfrac{13}{256} + \dfrac{499}{512} = \dfrac{26}{512} + \dfrac{499}{512} = \dfrac{525}{512}$ ____ $= 1\ \dfrac{13}{512}$

g) $\dfrac{381}{512} + \dfrac{177}{512} = \dfrac{381}{512} + \dfrac{177}{512} = \dfrac{558}{512} = \dfrac{279}{256} = 1\ \dfrac{23}{256}$

h) $\dfrac{13}{128} + \dfrac{373}{512} = \dfrac{52}{512} + \dfrac{373}{512} = \dfrac{425}{512}$ ____ ____

i) $\dfrac{155}{512} + \dfrac{41}{512} = \dfrac{155}{512} + \dfrac{41}{512} = \dfrac{196}{512} = \dfrac{49}{128}$ ____

j) $\dfrac{141}{512} + \dfrac{375}{512} = \dfrac{141}{512} + \dfrac{375}{512} = \dfrac{516}{512} = \dfrac{129}{128} = 1\ \dfrac{1}{128}$

k) $\dfrac{29}{32} + \dfrac{1}{8} = \dfrac{29}{32} + \dfrac{4}{32} = \dfrac{33}{32}$ ____ $= 1\ \dfrac{1}{32}$

l) $\dfrac{117}{128} + \dfrac{181}{256} = \dfrac{234}{256} + \dfrac{181}{256} = \dfrac{415}{256}$ ____ $= 1\ \dfrac{159}{256}$

m) $\dfrac{153}{512} + \dfrac{313}{512} = \dfrac{153}{512} + \dfrac{313}{512} = \dfrac{466}{512} = \dfrac{233}{256}$ ____

n) $\dfrac{67}{256} + \dfrac{379}{512} = \dfrac{134}{512} + \dfrac{379}{512} = \dfrac{513}{512}$ ____ $= 1\ \dfrac{1}{512}$

o) $\dfrac{221}{512} + \dfrac{365}{512} = \dfrac{442}{512} + \dfrac{365}{512} = \dfrac{807}{512}$ ____ $= 1\ \dfrac{295}{512}$

aa) $8\ \dfrac{507}{512} + 1\ \dfrac{101}{128} = \dfrac{4603}{512} + \dfrac{916}{512} = \dfrac{5519}{512}$ ____ $= 10\ \dfrac{399}{512}$

ab) $5\ \dfrac{199}{512} + 7\ \dfrac{245}{256} = \dfrac{2759}{512} + \dfrac{4074}{512} = \dfrac{6833}{512}$ ____ $= 13\ \dfrac{177}{512}$

ac) $3\ \dfrac{3}{8} + 4\ \dfrac{219}{256} = \dfrac{864}{256} + \dfrac{1243}{256} = \dfrac{2107}{256}$ ____ $= 8\ \dfrac{59}{256}$

ad) $5\ \dfrac{107}{256} + 4\ \dfrac{165}{256} = \dfrac{1387}{256} + \dfrac{1189}{256} = \dfrac{2576}{256} = \dfrac{161}{16} = 10\ \dfrac{1}{16}$

ae) $2\ \dfrac{411}{512} + 1\ \dfrac{487}{512} = \dfrac{1435}{512} + \dfrac{999}{512} = \dfrac{2434}{512} = \dfrac{1217}{256} = 4\ \dfrac{193}{256}$

af) $9\ \dfrac{173}{256} + 7\ \dfrac{103}{512} = \dfrac{4954}{512} + \dfrac{3687}{512} = \dfrac{8641}{512}$ ____ $= 16\ \dfrac{449}{512}$

ag) $3\ \dfrac{137}{512} + 2\ \dfrac{389}{512} = \dfrac{1673}{512} + \dfrac{1413}{512} = \dfrac{3086}{512} = \dfrac{1543}{256} = 6\ \dfrac{7}{256}$

ah) $3\ \dfrac{53}{128} + 9\ \dfrac{219}{256} = \dfrac{874}{256} + \dfrac{2523}{256} = \dfrac{3397}{256}$ ____ $= 13\ \dfrac{69}{256}$

ai) $5\ \dfrac{355}{512} + 6\ \dfrac{259}{512} = \dfrac{2915}{512} + \dfrac{3331}{512} = \dfrac{6246}{512} = \dfrac{3123}{256} = 12\ \dfrac{51}{256}$

aj) $1\ \dfrac{83}{128} + 3\ \dfrac{7}{32} = \dfrac{211}{128} + \dfrac{412}{128} = \dfrac{623}{128}$ ____ $= 4\ \dfrac{111}{128}$

ak) $1\ \dfrac{245}{256} + \dfrac{33}{128} = \dfrac{501}{256} + \dfrac{66}{256} = \dfrac{567}{256}$ ____ $= 2\ \dfrac{55}{256}$

al) $5\ \dfrac{123}{256} + 2\ \dfrac{205}{512} = \dfrac{2806}{512} + \dfrac{1229}{512} = \dfrac{4035}{512}$ ____ $= 7\ \dfrac{451}{512}$

am) $2\ \dfrac{3}{16} + 9\ \dfrac{403}{512} = \dfrac{1120}{512} + \dfrac{5011}{512} = \dfrac{6131}{512}$ ____ $= 11\ \dfrac{499}{512}$

an) $8\ \dfrac{51}{64} + 6\ \dfrac{233}{512} = \dfrac{4504}{512} + \dfrac{3305}{512} = \dfrac{7809}{512}$ ____ $= 15\ \dfrac{129}{512}$

ao) $1\ \dfrac{123}{512} + 1\ \dfrac{107}{256} = \dfrac{635}{512} + \dfrac{726}{512} = \dfrac{1361}{512}$ ____ $= 2\ \dfrac{337}{512}$

$\dfrac{\ }{256} + \dfrac{\ }{512} = \dfrac{\ }{512} + \dfrac{\ }{512} = \dfrac{\ }{512} \quad \underline{\ \ } = \dfrac{\ }{512}$

$\dfrac{\ }{512} + \dfrac{\ }{256} = \dfrac{\ }{512} + \dfrac{\ }{512} = \dfrac{\ }{512} \quad \underline{\ \ } = \dfrac{\ }{512}$

p) $\dfrac{489}{512} + \dfrac{147}{512} = \dfrac{489}{512} + \dfrac{147}{512} = \dfrac{636}{512} = \dfrac{159}{128} = 1\dfrac{31}{128}$

ap) $8\dfrac{335}{512} + 9\dfrac{75}{512} = \dfrac{4431}{512} + \dfrac{4683}{512} = \dfrac{9114}{512} = \dfrac{4557}{256} = 17\dfrac{205}{256}$

q) $\dfrac{53}{256} + \dfrac{51}{512} = \dfrac{106}{512} + \dfrac{51}{512} = \dfrac{157}{512} \quad \underline{\ \ } \quad \underline{\ \ }$

aq) $8\dfrac{243}{512} + 3\dfrac{415}{512} = \dfrac{4339}{512} + \dfrac{1951}{512} = \dfrac{6290}{512} = \dfrac{3145}{256} = 12\dfrac{73}{256}$

r) $\dfrac{15}{32} + \dfrac{125}{256} = \dfrac{120}{256} + \dfrac{125}{256} = \dfrac{245}{256} \quad \underline{\ \ } \quad \underline{\ \ }$

ar) $1\dfrac{241}{512} + 5\dfrac{95}{128} = \dfrac{753}{512} + \dfrac{2940}{512} = \dfrac{3693}{512} \quad \underline{\ \ } = 7\dfrac{109}{512}$

s) $\dfrac{23}{64} + \dfrac{7}{256} = \dfrac{92}{256} + \dfrac{7}{256} = \dfrac{99}{256} \quad \underline{\ \ } \quad \underline{\ \ }$

as) $3\dfrac{55}{256} + 1\dfrac{9}{512} = \dfrac{1646}{512} + \dfrac{521}{512} = \dfrac{2167}{512} \quad \underline{\ \ } = 4\dfrac{119}{512}$

t) $\dfrac{51}{256} + \dfrac{35}{64} = \dfrac{51}{256} + \dfrac{140}{256} = \dfrac{191}{256} \quad \underline{\ \ } \quad \underline{\ \ }$

at) $5\dfrac{189}{256} + 4\dfrac{365}{512} = \dfrac{2938}{512} + \dfrac{2413}{512} = \dfrac{5351}{512} \quad \underline{\ \ } = 10\dfrac{231}{512}$

u) $\dfrac{413}{512} + \dfrac{189}{512} = \dfrac{413}{512} + \dfrac{189}{512} = \dfrac{602}{512} = \dfrac{301}{256} = 1\dfrac{45}{256}$

au) $3\dfrac{249}{512} + 8\dfrac{3}{64} = \dfrac{1785}{512} + \dfrac{4120}{512} = \dfrac{5905}{512} \quad \underline{\ \ } = 11\dfrac{273}{512}$

v) $\dfrac{507}{512} + \dfrac{179}{512} = \dfrac{507}{512} + \dfrac{179}{512} = \dfrac{686}{512} = \dfrac{343}{256} = 1\dfrac{87}{256}$

av) $3\dfrac{31}{256} + \dfrac{193}{256} = \dfrac{799}{256} + \dfrac{193}{256} = \dfrac{992}{256} = \dfrac{31}{8} = 3\dfrac{7}{8}$

w) $\dfrac{375}{512} + \dfrac{113}{512} = \dfrac{375}{512} + \dfrac{113}{512} = \dfrac{488}{512} = \dfrac{61}{64} \quad \underline{\ \ }$

aw) $5\dfrac{241}{256} + 4\dfrac{55}{512} = \dfrac{3042}{512} + \dfrac{2103}{512} = \dfrac{5145}{512} \quad \underline{\ \ } = 10\dfrac{25}{512}$

x) $\dfrac{41}{256} + \dfrac{203}{512} = \dfrac{82}{512} + \dfrac{203}{512} = \dfrac{285}{512} \quad \underline{\ \ } \quad \underline{\ \ }$

ax) $4\dfrac{363}{512} + 2\dfrac{73}{256} = \dfrac{2411}{512} + \dfrac{1170}{512} = \dfrac{3581}{512} \quad \underline{\ \ } = 6\dfrac{509}{512}$

y) $\dfrac{15}{16} + \dfrac{47}{128} = \dfrac{120}{128} + \dfrac{47}{128} = \dfrac{167}{128} \quad \underline{\ \ } = 1\dfrac{39}{128}$

ay) $2\dfrac{249}{512} + 3\dfrac{25}{64} = \dfrac{1273}{512} + \dfrac{1736}{512} = \dfrac{3009}{512} \quad \underline{\ \ } = 5\dfrac{449}{512}$

z) $\dfrac{215}{256} + \dfrac{445}{512} = \dfrac{430}{512} + \dfrac{445}{512} = \dfrac{875}{512} \quad \underline{\ \ } = 1\dfrac{363}{512}$

az) $\dfrac{29}{32} + 5\dfrac{13}{64} = \dfrac{58}{64} + \dfrac{333}{64} = \dfrac{391}{64} \quad \underline{\ \ } = 6\dfrac{7}{64}$