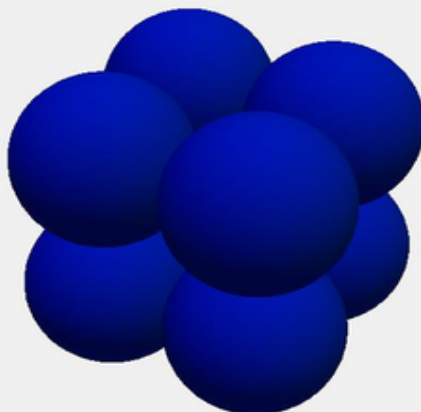


MathCon

The Mathematics Firm

Reducciones

Problemas sobre reducciones



www.math.com.mx

José de Jesús Angel Angel
jjaa@math.com.mx

MathCon © 2007-2012

Contenido

1. Productos 1	2
1.1. Reducir las siguientes fracciones a su mínima expresión	2

Capítulo 1

Productos 1

1.1. Reducir las siguientes fracciones a su mínima expresión

- | | |
|-----------------------|-----------------------|
| 1. $\frac{21}{30}$ | Sol: $\frac{7}{10}$. |
| 2. $\frac{36}{42}$ | Sol: $\frac{6}{7}$. |
| 3. $\frac{252}{196}$ | Sol: $\frac{9}{7}$. |
| 4. $\frac{6}{105}$ | Sol: $\frac{2}{35}$. |
| 5. $\frac{98}{70}$ | Sol: $\frac{7}{5}$. |
| 6. $\frac{72}{120}$ | Sol: $\frac{3}{5}$. |
| 7. $\frac{105}{567}$ | Sol: $\frac{5}{27}$. |
| 8. $\frac{140}{120}$ | Sol: $\frac{7}{6}$. |
| 9. $\frac{108}{45}$ | Sol: $\frac{12}{5}$. |
| 10. $\frac{54}{126}$ | Sol: $\frac{3}{7}$. |
| 11. $\frac{84}{140}$ | Sol: $\frac{3}{5}$. |
| 12. $\frac{98}{147}$ | Sol: $\frac{2}{3}$. |
| 13. $\frac{120}{180}$ | Sol: $\frac{2}{3}$. |
| 14. $\frac{160}{140}$ | Sol: $\frac{8}{7}$. |
| 15. $\frac{198}{231}$ | Sol: $\frac{6}{7}$. |

16. $\frac{539}{98}$ Sol: $\frac{11}{2}$.
17. $\frac{264}{198}$ Sol: $\frac{4}{3}$.
18. $\frac{80}{200}$ Sol: $\frac{2}{5}$.
19. $\frac{210}{60}$ Sol: $\frac{7}{2}$.
20. $\frac{60}{324}$ Sol: $\frac{5}{27}$.
21. $\frac{330}{99}$ Sol: $\frac{10}{3}$.
22. $\frac{168}{288}$ Sol: $\frac{7}{12}$.
23. $\frac{330}{44}$ Sol: $\frac{15}{2}$.
24. $\frac{264}{360}$ Sol: $\frac{11}{15}$.
25. $\frac{162}{144}$ Sol: $\frac{9}{8}$.
26. $\frac{72}{88}$ Sol: $\frac{9}{11}$.
27. $\frac{216}{336}$ Sol: $\frac{9}{14}$.
28. $\frac{20}{60}$ Sol: $\frac{1}{3}$.
29. $\frac{180}{792}$ Sol: $\frac{5}{22}$.
30. $\frac{216}{180}$ Sol: $\frac{6}{5}$.
31. $\frac{264}{120}$ Sol: $\frac{11}{5}$.
32. $\frac{612}{126}$ Sol: $\frac{34}{7}$.
33. $\frac{24}{180}$ Sol: $\frac{2}{15}$.
34. $\frac{117}{780}$ Sol: $\frac{3}{20}$.
35. $\frac{84}{210}$ Sol: $\frac{2}{5}$.
36. $\frac{468}{312}$ Sol: $\frac{3}{2}$.
37. $\frac{1020}{105}$ Sol: $\frac{68}{7}$.
38. $\frac{342}{380}$ Sol: $\frac{9}{10}$.

39. $\frac{208}{36}$ Sol: $\frac{52}{9}$.
40. $\frac{156}{312}$ Sol: $\frac{1}{2}$.
41. $\frac{156}{312}$ Sol: $\frac{1}{2}$.
42. $\frac{180}{140}$ Sol: $\frac{9}{7}$.
43. $\frac{108}{162}$ Sol: $\frac{2}{3}$.
44. $\frac{252}{196}$ Sol: $\frac{9}{7}$.
45. $\frac{195}{90}$ Sol: $\frac{13}{6}$.
46. $\frac{144}{330}$ Sol: $\frac{24}{55}$.
47. $\frac{210}{455}$ Sol: $\frac{6}{13}$.
48. $\frac{36}{200}$ Sol: $\frac{9}{50}$.
49. $\frac{54}{1188}$ Sol: $\frac{1}{22}$.
50. $\frac{182}{780}$ Sol: $\frac{7}{30}$.
51. $\frac{210}{510}$ Sol: $\frac{7}{17}$.
52. $\frac{1001}{455}$ Sol: $\frac{11}{5}$.
53. $\frac{255}{240}$ Sol: $\frac{15}{16}$.
54. $\frac{264}{96}$ Sol: $\frac{11}{4}$.
55. $\frac{715}{2310}$ Sol: $\frac{13}{42}$.
56. $\frac{312}{1352}$ Sol: $\frac{3}{13}$.
57. $\frac{440}{264}$ Sol: $\frac{5}{3}$.
58. $\frac{420}{600}$ Sol: $\frac{7}{10}$.
59. $\frac{1700}{250}$ Sol: $\frac{34}{5}$.
60. $\frac{12}{900}$ Sol: $\frac{1}{75}$.
61. $\frac{630}{1848}$ Sol: $\frac{15}{44}$.

62. $\frac{78}{234}$ Sol: $\frac{1}{3}$.
63. $\frac{1710}{36}$ Sol: $\frac{95}{2}$.
64. $\frac{364}{780}$ Sol: $\frac{7}{15}$.
65. $\frac{105}{1638}$ Sol: $\frac{5}{78}$.
66. $\frac{60}{180}$ Sol: $\frac{1}{3}$.
67. $\frac{192}{792}$ Sol: $\frac{8}{33}$.
68. $\frac{189}{144}$ Sol: $\frac{21}{16}$.
69. $\frac{357}{102}$ Sol: $\frac{7}{2}$.
70. $\frac{160}{60}$ Sol: $\frac{8}{3}$.
71. $\frac{315}{150}$ Sol: $\frac{21}{10}$.
72. $\frac{65}{260}$ Sol: $\frac{1}{4}$.
73. $\frac{140}{84}$ Sol: $\frac{5}{3}$.
74. $\frac{60}{792}$ Sol: $\frac{5}{66}$.
75. $\frac{24}{714}$ Sol: $\frac{4}{199}$.
76. $\frac{510}{850}$ Sol: $\frac{3}{5}$.
77. $\frac{126}{102}$ Sol: $\frac{21}{17}$.
78. $\frac{70}{462}$ Sol: $\frac{5}{33}$.
79. $\frac{429}{2730}$ Sol: $\frac{11}{70}$.
80. $\frac{338}{1547}$ Sol: $\frac{26}{119}$.
81. $\frac{48}{408}$ Sol: $\frac{2}{17}$.
82. $\frac{330}{150}$ Sol: $\frac{11}{5}$.
83. $\frac{63}{2366}$ Sol: $\frac{9}{338}$.
84. $\frac{144}{1224}$ Sol: $\frac{2}{17}$.

85. $\frac{36}{684}$ Sol: $\frac{1}{19}$.
86. $\frac{60}{990}$ Sol: $\frac{2}{33}$.
87. $\frac{180}{924}$ Sol: $\frac{15}{77}$.
88. $\frac{130}{234}$ Sol: $\frac{5}{9}$.
89. $\frac{64}{176}$ Sol: $\frac{4}{11}$.
90. $\frac{420}{231}$ Sol: $\frac{20}{11}$.
91. $\frac{627}{684}$ Sol: $\frac{11}{12}$.
92. $\frac{1540}{616}$ Sol: $\frac{5}{2}$.
93. $\frac{110}{154}$ Sol: $\frac{5}{7}$.
94. $\frac{572}{187}$ Sol: $\frac{52}{17}$.
95. $\frac{112}{490}$ Sol: $\frac{8}{35}$.
96. $\frac{608}{264}$ Sol: $\frac{76}{33}$.
97. $\frac{780}{728}$ Sol: $\frac{15}{14}$.
98. $\frac{102}{450}$ Sol: $\frac{17}{75}$.
99. $\frac{209}{110}$ Sol: $\frac{19}{10}$.
100. $\frac{24}{510}$ Sol: $\frac{4}{85}$.