

Naam: _____ Groep: _____ Datum: _____

1. $2 + 1 = 3$ 2. $8 - 3 = 5$ 3. $15 + 2 = 17$

$3 + 2 = 5$ $7 - 5 = 2$ $13 + 6 = 19$

$4 + 5 = 9$ $5 - 2 = 3$ $10 + 5 = 15$

$3 + 4 = 7$ $9 - 6 = 3$ $20 + 8 = 28$

$0 + 8 = 8$ $6 - 1 = 5$ $28 + 1 = 29$

5. $17 - 2 = 15$ 6. $40 + 20 = 60$

$23 - 1 = 22$ $50 + 30 = 80$

$18 - 7 = 11$ $20 + 70 = 90$

$19 - 3 = 16$ $80 + 10 = 90$

$25 - 4 = 21$ $30 + 40 = 70$

7. $8 + 9 = 17$ 9. $65 - 8 = 57$

$15 + 17 = 32$ $83 - 45 = 38$

$58 + 32 = 90$ $24 - 19 = 5$

$48 + 19 = 67$ $78 - 39 = 39$

$67 + 17 = 84$ $50 - 34 = 16$

10. $56 = 7 \times 8$ 11. $18 : 3 = 6$

$72 = 8 \times 9$ $81 : 9 = 9$

$36 = 6 \times 6$ $49 : 7 = 7$

$28 = 7 \times 4$ $35 : 5 = 7$

$14 = 7 \times 2$ $63 : 9 = 7$

12. $30 : 4 = 7 \text{ rest } 2$

$47 : 8 = 5 \text{ rest } 7$

$17 : 2 = 8 \text{ rest } 1$

$25 : 6 = 4 \text{ rest } 1$

$45 : 5 = 9 \text{ rest } 0$

13. $6 \times 13 = 78$ 14. $7 \times 80 = 560$

$16 \times 4 = 64$ $50 \times 3 = 150$

$5 \times 18 = 90$ $8 \times 25 = 200$

$15 \times 7 = 105$ $22 \times 5 = 110$

$3 \times 17 = 51$ $2 \times 43 = 86$

15. $630 : 7 = 90$

$360 : 3 = 120$

$117 : 9 = 13$

$56 : 4 = 14$

$96 : 8 = 12$

16. $406 + 70 = 476$ 17. $130 - 20 = 110$

$800 + 29 = 829$ $568 - 53 = 515$

$560 + 129 = 689$ $900 - 700 = 200$

$20 + 346 = 366$ $433 - 120 = 313$

$180 + 670 = 850$ $238 - 78 = 160$

$5400 + 200 = 5600$

$2575 + 500 = 3075$

$270 + 1440 = 1710$

$68 + 2500 = 2568$

$2500 + 3500 = 6000$

ANTWOORDEN

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19. $9000 - 6 = 8994$ 20. 368 234 365 541 1189

$500 - 23 = 477$ $223 + 424 = 647$ $431 + 784 = 1215$ $819 + 1325 = 2144$

$3480 - 1450 = 2030$ 591 658 796 1325 2008

$8000 - 70 = 7930$

21. $6000 - 4000 = 2000$ 21. 876 765 653 945 8460

$645 - 231 = 414$ $625 - 119 = 506$ $534 - 556 = 28$ $5647 - 2813 = 2834$

22. $1103 + 854 + 3 + 267 = 2227$

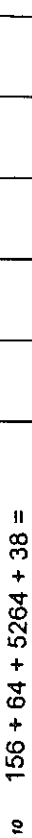
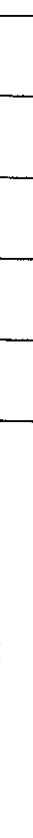
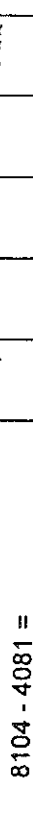
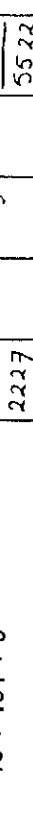
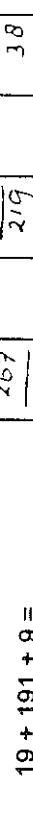
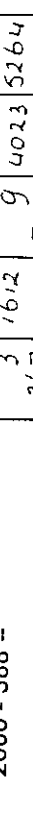
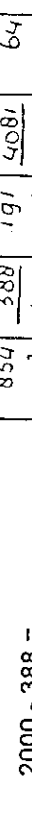
$2000 - 388 = 1612$

$19 + 191 + 9 = 219$

$8104 - 4081 = 4023$

$156 + 64 + 5264 + 38 = 5418$

23. Welk deel is vol getekend?



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24. 49 156 809 3501

$$\begin{array}{r} 3 \times 147 \\ 27 \times 1092 \\ 50 \times 40450 \\ 1024 \end{array}$$

25. $4/84 \div 2/1$

$$\begin{array}{r} 8 \div 28 \\ 4 \div 28 \\ 4 \div 28 \\ 0 \end{array}$$

$23/2438 \div 106$

$$\begin{array}{r} 23 \div 13 \\ 13 \div 0 \\ 138 \div 138 \\ 138 \div 0 \end{array}$$

Vereenvoudig het antwoord als dat mogelijk is!

26. $1 = \frac{3}{3}$
 $2 = \frac{8}{4}$
 $5 = \frac{35}{7}$
 $6 = \frac{30}{5}$
 $4 = \frac{16}{4}$

27. $\frac{2}{5}$ deel van 25 = 10
 $\frac{3}{4}$ deel van 32 = 24
 $\frac{1}{4}$ deel van 16 = 4
 $\frac{1}{4}$ deel van 100 = 25
 $\frac{1}{5}$ deel van 45 = 9

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28. $2 \frac{3}{5} + 3 \frac{5}{5} = 4$
 $2 \frac{1}{8} + 2 \frac{3}{8} = 4 \frac{4}{8} = 4 \frac{1}{2}$
 $7 \frac{3}{8} + 5 \frac{10}{8} = 12 \frac{13}{8} = 15 \frac{5}{8}$
 $5 \frac{3}{4} + 3 \frac{6}{4} = 8 \frac{9}{4} = 9 \frac{1}{2}$
 $2 \frac{2}{3} + 4 \frac{4}{3} = 6 \frac{6}{3} = 8$
 $5 \frac{1}{3} - 3 \frac{1}{3} = 2$

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30. $8 \frac{1}{8} + 3 \frac{1}{2} = 11 \frac{5}{8}$
 $3 \frac{3}{5} + 1 \frac{12}{20} = 4 \frac{15}{20} = 4 \frac{3}{4}$
 $2 \frac{1}{9} + 5 \frac{4}{6} = 7 \frac{5}{9}$
 $1 \frac{5}{3} + 5 \frac{2}{6} = 6 \frac{7}{6} = 7 \frac{1}{6}$
 $12 \frac{3}{2} + 2 \frac{7}{7} = 14 \frac{13}{14}$
 $2 \frac{1}{2} - 1 \frac{1}{2} = 1$
 $4 \frac{3}{4} - 1 \frac{1}{4} = 3$
 $6 \frac{7}{35} - 2 \frac{15}{35} = 4 \frac{2}{35}$
 $2 \frac{9}{18} - \frac{10}{18} = 1 \frac{27}{18} = 2 \frac{3}{2}$
 $14 \frac{1}{7} - 12 \frac{2}{7} = 2 \frac{1}{7}$

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32. $4 \times \frac{2}{9} = \frac{8}{9}$ 33. $\frac{6}{7} : 3 = \frac{2}{7}$

$3 \times \frac{5}{8} = \frac{15}{8} = 1 \frac{7}{8}$ $\frac{12}{5} : 6 = \frac{2}{5}$

$4 \times 2 \frac{1}{5} = 8 \frac{4}{5}$ $\frac{1}{8} : 5 = \frac{25}{3} : 5 = \frac{5}{3} = 1 \frac{2}{3}$

$5 \times 3 \frac{3}{8} = 15 \frac{9}{8} = 16 \frac{7}{8}$ $\frac{2}{16} : 25 = \frac{50}{3} : 25 = \frac{2}{3}$

$7 \times 4 \frac{3}{7} = 28 \frac{21}{7} = 31$ $\frac{1}{9} : 7 = \frac{28}{3} : 7 = \frac{4}{3} = 1 \frac{1}{3}$

Vereenvoudig het antwoord als dat mogelijk is!

34. $\frac{1}{2} : 2 = \frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ 35. $\frac{1}{8} \times 100 = 12 \frac{1}{2}$

$4 : \frac{1}{2} = 4 \times 2 = 8$ $\frac{5}{7} \times 28 = 20$

$8 : 7 = \frac{8}{7} = 1 \frac{1}{7} (8 \times \frac{1}{7} = \frac{8}{7} = 1 \frac{1}{7})$ $\frac{3}{4} \times 48 = 36$

$5 : 9 = \frac{5}{9} (5 \times \frac{1}{9} = \frac{5}{9})$ $75 \times \frac{4}{5} = 60$

$3 \frac{1}{5} : 5 = \frac{16}{5} \times \frac{3}{5} = \frac{48}{25} = 1 \frac{23}{25}$ $63 \times \frac{5}{9} = 35$

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36. $\frac{1}{5} \times \frac{1}{3} = \frac{1}{15}$ 37. $\frac{3}{10} = 0,3$

$\frac{2}{7} \times \frac{1}{4} = \frac{2}{28} = \frac{1}{14}$ $\frac{49}{3} = 3,49$

$\frac{3}{10} \times \frac{5}{6} = \frac{15}{60} = \frac{1}{4}$ $\frac{250}{1000} = 0,250$

$\frac{1}{9} \times \frac{3}{10} = \frac{3}{90} = \frac{1}{30}$ $\frac{8}{17} = 17,08$

$\frac{5}{4} \times 18 = \frac{90}{4} = 22,5$ $\frac{88}{185} = 0,475$

38. $\frac{1}{2} = 0,5$ 39. $0,8 = \frac{8}{10} = \frac{4}{5}$

$\frac{2}{10} = 0,2$ $0,08 = \frac{8}{100} = \frac{2}{25}$

$\frac{3}{4} = \frac{75}{100} = 0,75$ $5,309 = 5 \frac{309}{1000}$

$\frac{54,054}{54} = 1,001$ $\frac{54}{1000} = 0,054$

$\frac{5}{8} = \frac{625}{1000} = 0,625$ $8,9 = 8 \frac{9}{10}$

40. $3,6 + 2,3 = 5,9$

$6 \frac{4}{5} = 6 \frac{8}{10} = 6,8$ $9,8 + 18,1 = 27,9$

$23,16 + 15,42 = 38,58$

$5 \frac{12}{25} = 5 \frac{48}{100} = 5,48$ $5,82 + 3,45 = 9,27$

$7,128 + 2,872 = 10$

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41. $5,7 - 0,4 = 5,3$ 42. $4 \times 0,2 = 0,8$
 $7,5 - 1,2 = 6,3$
 $175,97 - 9,09 = 166,88$
 $8,2 - 2,8 = 5,4$
 $19,15 - 4,53 = 14,62$ 210 $1000 \times 2,368 = 2368$

43. $0,9 : 3 = 0,3$ 44. $2,5 + 25 + 0,25 = 27,75$
 $0,25 : 5 = 0,05$
 $3,6 : 4 = 0,9$
 $36,09 : 3 = 12,03$
 $7,35 : 7 = 1,05$ 220 $7,47 + 77,4 + 0,477 = 85,347$

45. $0,18$ 6,5 1,23 1,03 4,08
 $0,9 \times 5 = 4,5$ 0,6 x 1,03 x 14,5 x
 $0,162$ 32,5 0,738 10300 2040
 $1,0609$ 10300 40800 59,160

46. $9/18,9 \setminus 2,1$ 4/30,0 \setminus 7,5 12/14,4 \setminus 1,2
 $18 : 0,9 = 20$ 28 : 20 = 1,4
 $0,9 \times 20 = 18$ 20 x 1,4 = 28
 $1,5/6,60 \setminus 15/66,0 \setminus 4,4$ 0,125/18,75 \setminus 125/18750 \setminus 150
 $60 : 125 = 0,48$ 625 : 125 = 5
 $60 \times 0,48 = 28,8$ 625 x 5 = 3125
 $15 \times 0,48 = 7,2$ 125 x 15 = 1875

47. 1% van 700 = 7 48. 2 is 1% van 200
10% van 387 = 38,7 25 is 5% van 500
25% van 2800 = 700 18 is 3% van 600
100% van 47 = 47 36 is 12% van 300
7% van 1300 = 91 40 is 20% van 200

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49. $1\% = \frac{1}{100}$ deel 50. 1 deel = 50 %
 $75\% = (\frac{75}{100}) = \frac{3}{4}$ deel

$40\% = (\frac{40}{100}) = \frac{2}{5}$ deel 1 deel = $33\frac{1}{3}\%$
 $29\% = \frac{29}{100}$ deel 3

245 $10\% = (\frac{10}{100}) = \frac{1}{10}$ deel 1 deel = $14\frac{2}{7}\%$
7

3 deel = $37\frac{1}{2}\%$
8

1 deel = $11\frac{1}{9}\%$
9

51. $15 + 8 \times 9 = 15 + 72 = 87$ 52. Ontbind in factoren.
 $92 - 16 : 2 = 92 - 8 = 84$ $10 = 2 \times 5$
 $(128 - 28) - 7 = 100 - 7 = 93$ $54 = 2 \times 3^3$
 $40 : 2 \times 4 = 40 : 8 = 5$ $360 = 2^3 \times 3^3 \times 5$
 $15 \times (5 + 5) = 15 \times 10 = 150$ 260 $125 = 5^3$
255 $200 = 2^3 \times 5^2$

53. $2^3 = 8$ 54. $\sqrt{64} = 8$
 $2 \cdot 3^2 = 2 \times 9 = 18$ $\sqrt{196} = 14$
 $2 \cdot 5^3 \cdot 7 = 2 \times 125 \times 7 = 1750$ $\sqrt{49} = 7$
 $3^2 \cdot 5 \cdot 7^2 = 9 \times 5 \times 49 = 2205$ $\sqrt{900} = 30$
265 $2 \cdot 3 \cdot 5^2 \cdot 7 = 2 \times 3 \times 25 \times 7 = 1050$ 270 $\sqrt{225} = 15$