Calendar Math

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Deciphering codes is an excellent exercise in mathematical reasoning, sound thinking and solid logic. Almost any code will provide this practice. Here is a simple one that can be adopted and reused as student abilities change or increase.

Use the table below to solve the following mathematical exercises:

2	9	4
7	5	3
6	1	8

1. $\square + \square =$
2. $\square \times \square =$
3. $\square \div \square =$
4. $\square - \square =$
5. $\square \times \square =$
6. $(\square^{\square} + \square) \div \square =$
7. $\square^{\square} =$
8. $\square + \square =$
9. $\square \times (\square - \square) =$
10. $(\square + \square) \times \square =$
11. $\square \div \square + (\square - \square) =$
12. $\square \times \square - (\square \times \square) =$
13. $\square \times \square \div (\square + \square) =$
14. $(\square^{\square} - \square) \times \square =$
15. $\square^{\square} \times \square^{\square} =$
16. $\frac{\square}{\square} + \frac{\square}{\square} =$
17. $\frac{\square}{\square} - \frac{\square}{\square} =$
18. $\square + \square - \square =$
19. $\frac{\square}{\square} \times \frac{\square}{\square} =$
20. $\frac{\square}{\square} \div \frac{\square}{\square} =$
21. $\square^{\square} \times \square =$
22. $(\square + \square) \div (\square + \square) =$
23. $\frac{\square}{\square} + \frac{\square}{\square} - \frac{\square}{\square} =$
24. $(\square + \square) \times (\square + \square) =$
25. $\square \times \frac{\square}{\square} - \frac{\square}{\square} =$
26. $\square^{\square} - \square^{\square} =$
27. $\frac{\square + \square}{\square} =$
28. $(\square^{\square} + \square) - (\square + \square) =$
29. $\square\square \div \square =$
30. $\_ + \square = \square$
31. $\square\square - \square\square =$

Answers

1. 8	9. 16	17. $^1/_6$	24. 176
2. 4	10. 24	18. 6	25. 2
3. $^9/_7$ or $1^2/_7$	11. 9	19. $^{35}/_{48}$	26. 8
4. 3	12. 25	20. $^3/_4$	27. 7
5. 10	13. 8	21. 72	28. 10
6. 10	14. 1,899	22. $^8/_{11}$	29. 7
7. 81	15. 675	23. $^{13}/_{30}$	30. 5
8. 14	16. $^{41}/_{63}$		31. 24