

Using place value to add and subtract

Sheet 1

1. $456,728 + 3000$

2. $748,672 - 40,000$

3. $237,045 + 203$

4. $945,378 - 2005$

5. $349,281 + 20,500$

6. $973,452 - 800,300$

7. $424,789 + 1$

8. $472,480 - 1$

9. $294,305 - 10$

10. $482,792 + 10$

11. $837,950 + 100$

12. $347,036 - 100$

Challenge

Start with a number with consecutive digits repeated, e.g. 456,456 or 654,654. Subtract 100,000 and 10,000 and 1000 and 100 and 10 as many times as necessary to get a number with all six digits the same. E.g. $654,654 - 100,000 - 100,000 - 10,000$ etc.

Repeat this with other numbers, some with increasing consecutive digits and some with decreasing consecutive digits. What patterns do you notice?