Solve: Solve the following

1. $-8x + 3y - 6 - -x + y + 2$
2. $-3x - 2y - 5 - -3x - 6y - 3$
3. $-4x + 4y + 5 - -4x + y + 6$
4. $2 - 8x - -5x - 2y + 6$
5. $7x + 8y - 4 - 8y + 6$
6. $6x + 7y - 1 - -x + y - 7$
7. $-x - 4y - 1 - -7x + 5y + 3$
8. $-6x + 7y + 2 - -4x - y - 3$
9. $-2x - 8y - 6 - -8x - y + 8$
10. $-2x + 8y + 7 - -2x + 8y + 1$
11. $-7x - 6y - 3x - 4y - 1$
12. $-6x + 8y - 1 - y + 4$
13. $-2x - 6y - 1 - -2x - 7y + 2$
14. $6x - 6y - 8 - x + 4y + 3$
15. $-5x + 5y + 4 - -x - 7y - 5$
16. $-4x + 6y - 8 - -6y - 2$
17. $-2x + 3y - 1 - 2x - 5y - 5$
18. $7x + 4y - 8 - 4x + 2y - 3$
19. $-6x + 2y + 2 - 7x - 4y - 5$
20. $-6x + 3y - 2 - 8x + 7y + 2$

Answer Key

1. $\text{Poly}\left(-7x + 2y - 8, x, y, domain = \mathbb{Z}\right)$
2. $\text{Poly}\left(4y - 2, x, y, domain = \mathbb{Z}\right)$
3. $\text{Poly}\left(3y - 1, x, y, domain = \mathbb{Z}\right)$
4. $\text{Poly}\left(-3x + 2y - 4, x, y, domain = \mathbb{Z}\right)$
5. $\text{Poly}\left(7x - 10, x, y, domain = \mathbb{Z}\right)$
6. $\text{Poly}\left(7x + 6y + 6, x, y, domain = \mathbb{Z}\right)$
7. $\text{Poly}\left(6x - 9y - 4, x, y, domain = \mathbb{Z}\right)$
8. $\text{Poly}\left(-2x + 8y + 5, x, y, domain = \mathbb{Z}\right)$
9. $\text{Poly}\left(6x - 7y - 14, x, y, domain = \mathbb{Z}\right)$
10. $\text{Poly}\left(6, x, y, domain = \mathbb{Z}\right)$
11. $\text{Poly}\left(-10x - 2y + 1, x, y, domain = \mathbb{Z}\right)$
12. $\text{Poly}\left(-6x + 7y - 5, x, y, domain = \mathbb{Z}\right)$
13. $\text{Poly}\left(y - 3, x, y, domain = \mathbb{Z}\right)$
14. $\text{Poly}\left(5x - 10y - 11, x, y, domain = \mathbb{Z}\right)$
15. $\text{Poly}\left(-4x + 12y + 9, x, y, domain = \mathbb{Z}\right)$
16. $\text{Poly}\left(-4x + 12y - 6, x, y, domain = \mathbb{Z}\right)$
17. $\text{Poly}\left(-4x + 8y + 4, x, y, domain = \mathbb{Z}\right)$
18. $\text{Poly}\left(3x + 2y - 5, x, y, domain = \mathbb{Z}\right)$
19. $\text{Poly}\left(-13x + 6y + 7, x, y, domain = \mathbb{Z}\right)$
20. $\text{Poly}\left(-14x - 4y - 4, x, y, domain = \mathbb{Z}\right)$