

1. (1)  $13z^{-1}$   
(2)  $xy^{-7}$   
(3)  $x \leq -6$   
(4)  $-28z$   
(5)  $-3$   
(6)  $\sum_{k=3}^5 \frac{1}{k}$   
(7)  $864$   
(8)  $x = -4$   
(9)  $y = 4$   
(10)  $z = 7$
2. (1)  $7x^{10}$   
(2)  $x^{-1}y^2$   
(3)  $x > 6$   
(4)  $12y$   
(5)  $46$   
(6)  $\sum_{j=3}^7 j$   
(7)  $3$   
(8)  $y = 4$   
(9)  $y = 3$   
(10)  $x = 1$
3. (1)  $-7x^{-2}$   
(2)  $xy^{-3}$   
(3)  $x \geq -1$   
(4)  $-14x$   
(5)  $4$   
(6)  $\sum_{j=5}^8 \frac{2}{j}$   
(7)  $12$   
(8)  $z = -4$   
(9)  $z = 3$   
(10)  $y = 3$
4. (1)  $9y^{-10}$   
(2)  $xy^3$   
(3)  $x \leq -4$   
(4)  $6y$

(5) 2

(6)  $\sum_{j=5}^9 -3j$

(7) 0

(8)  $z = 0$

(9)  $z = -1$

(10)  $y = 0$

5. (1)  $9x^{-7}$

(2)  $x^6y^{-1}$

(3)  $x < 4$

(4)  $-45x$

(5) 1

(6)  $\sum_{k=4}^8 \frac{-5}{k}$

(7) 0

(8)  $z = 3$

(9)  $z = 2$

(10)  $y = 3$