

$$\frac{xyz}{23} \cdot \frac{ac \cdot bx}{cx}$$

13. $a^4 + 4a^3b + 6a^2b^2 + 4ab^3 + b^4$.
 14. $81x^2 + 144xy + 64y^2 - 49z^2$.
 15. $16x^2 + 40xy + 25y^2 - 9a^2 - 24ab - 16b^2$.

B.

$$\frac{xy}{5a^3x^2}$$

$$\frac{1}{2c^2}$$

$$\frac{25abc}{16bcx}$$

and the

1. $\frac{b}{a} + \frac{a}{x} + \frac{y}{z} + \frac{c}{y}$
 2. $\frac{4a}{5b} + \frac{9b}{4x} + \frac{8b}{xy} - \frac{3a}{7y}$
 3. $\frac{12a}{xb} - \frac{3z}{5x} - \frac{7ab}{xy} + \frac{3xy}{2ab}$
 4. $\frac{2a+5b}{x} + \frac{3b+2y}{4z} - \frac{a+b+c}{x+y+z}$
 5. $\frac{a+c}{a-c} + \frac{x+b}{x-b} + \frac{x+y}{x-y} + \frac{y+z}{y-z}$
 6. $\frac{xy+2xz+3yz}{ab+2ac+3bc} - \frac{4ax+3ac}{xy-xz+yz}$
 7. $\frac{a^2b^2+1}{a^2+b^2} - \frac{1+a^2c^2}{c^2+a^2} + \frac{4x+y^2+y^2z^2}{y^2}$
 8. $\frac{a^2+b^2}{x} + \frac{b^2+c^2}{y} + \frac{c^2+a^2}{z}$
 9. $\frac{12a^3-b^2}{3a^2} + \frac{2x^2}{x+y^2} - \frac{a+b^2+c^3}{a+z}$
 10. $\frac{x^2}{y^2} + \frac{2bx}{ay} + \frac{b^2}{a^2} - \frac{2cx}{yz} - \frac{2bc}{az} + \frac{c^2}{z^2}$

EXERCISE III.

If $x=8$, $y=6$, $z=1$, $a=9$, $b=4$, find the values of

1. $\frac{5}{3}x - \frac{1}{9}y^3 + \frac{7}{8}b^2$.
 2. $\frac{5}{27}ax - \frac{3^2}{b^2} - \frac{6x}{abz}$.