

p.14.

Determine the factors of

$$2x(2x+1)(x-1)$$

$$2; x; (2x+1); (x-1).$$

$$\begin{aligned} & \underline{6x} - \underline{10y} \\ &= 2(\underline{3x} - \underline{5y}) \end{aligned}$$

$$6x \div 2 = 3x$$

$$10y \div 2 = 5y$$

$$\begin{aligned} & \underline{2xy} + \underline{4x} \\ &= 2x(\underline{y} + \underline{2}) \end{aligned}$$

$$\frac{2xy}{2x} = y$$

$$\frac{4x}{2x} = 2.$$

$$\begin{aligned} & \underline{3a^2} - \underline{9a} + \underline{12ab} \\ &= 3a(\underline{a} - \underline{3} + 4b) \end{aligned}$$

$$\frac{3a^2}{3a} = a$$

$$\frac{9a}{3a} = 3$$

$$\frac{12ab}{3a} = 4b$$

$$\begin{aligned} & \underline{a^2b^3c^2} - \underline{ab^2c^2} + \underline{a^3b^2c^4} \\ &= ab^2c^2(\underline{b} - \underline{1} + \underline{2a^2c^2}) \end{aligned}$$

$$\frac{a^2b^3c^2}{ab^2c^2}$$

Ex 1.9. p. 15.

1 (a, b, d, e, j, m, s, u)

2, 3, 4.



$$= b$$

$$\frac{ab^2c^2}{ab^2c^2} = 1.$$

$$\frac{2a^3b^2c^4}{ab^2c^2} = 2a^2c^2$$

