

### Transposition of Formulae

Make the quantity in brackets the subject of each of the following formulae.

$$1. \quad R = \frac{PV}{L} \dots\dots(V)$$

$$2. \quad A = \frac{XY}{X+Y} \quad (X)$$

$$3. \quad P = \frac{P-3}{Q+1} \dots\dots(P)$$

$$4. \quad \frac{1}{A} = \frac{1}{B} + \frac{1}{C} \dots\dots (C)$$

$$5. \quad A = \sqrt{\frac{M+X}{Y}} \dots\dots (Y)$$

$$6. \quad T = 2\pi\sqrt{\frac{L}{G}} \dots\dots(L)$$

$$7. \quad V = \frac{KAB}{B-A} \dots\dots(A)$$

$$8. \quad S = \sqrt{\frac{3D(L-D)}{8}} \dots\dots(L)$$

$$9. \quad Y = \sqrt{\frac{RX}{2} - \frac{1}{P}} \dots\dots (X)$$

$$10. \quad R = ET\sqrt{\frac{V^2}{P^2} - \frac{1}{2K}} \dots\dots(K)$$