

ANSWER KEY FOR EXTRA PRACTICE SHEETS

Extra Practice 18

$$1. P = \frac{H-U}{V}$$

$$2. k = \frac{hc}{E}$$

$$3. R = \frac{PV}{nT}$$

$$4. m = \frac{2E}{V^2}$$

$$5. F = \frac{w}{d}$$

$$6. C = \frac{AB}{KD}$$

$$7. n^2 = \frac{8Ema^2}{h^2}$$

$$8. w = \frac{A-2lh}{2l+2h}$$

$$9. a = \frac{f^2 - i^2}{2d}$$

$$10. R = -En^2$$

$$11. r = \frac{V}{2\pi w}$$

$$12. T = \frac{q}{mC} + t$$

$$13. r^2 = \frac{3V}{\pi h}$$

$$14. P = \frac{RT}{V-b} - \frac{a}{V^2}$$

$$15. m = \frac{V}{gh}$$

$$16. V = \frac{d}{t} - \frac{at}{2}$$

$$17. c = DT^4 - aT^2 - bT^4$$

$$18. b = \frac{L - ax^2 - c}{x}$$

$$19. c = \frac{qr^2}{a} - m$$

$$20. c = \frac{xb - mL^2}{1 - ab}$$