

## 8.6 Solve Rational Equations

303. 10

305.  $\frac{4}{7}$

307.  $\frac{40}{21}$

309. -9

311. -2, 4

313. -5, -4

315. -6

317. 14

319. -2

321.  $-\frac{1}{3}$

323. -2, -1

325. -5, -1

327. no solution

329. no solution

331. -4

333. -8

335. 2

337. 1

339. no solution

341. no solution

343.  $r = \frac{C}{2\pi}$

345.  $h = \frac{v}{lw}$

347.  $w = 2v + 7$

349.  $c = \frac{b + 3 + 2a}{a}$

351.  $p = \frac{q}{4q - 2}$

353.  $w = \frac{15v}{10 + v}$

355.  $n = \frac{5m + 23}{4}$

357.  $y = \frac{20x}{12 - x}$

359.  $t = \frac{3r - s}{r}$

361.  $2\frac{6}{11}$  days

363. Answers will vary.