

Multiplying Rationals Answers

Section 1

① $\frac{8}{3}$ ② $\frac{1}{2}$ ③ $\frac{8x}{5}$ ④ $\frac{6}{5}$ ⑤ $\frac{3x}{2}$ ⑥ $3x^2$

⑦ 1 ⑧ $\frac{1}{x+3}$ ⑨ $\frac{2}{x}$ ⑩ $3(x-5)$ ⑪ 3 ⑫ $\frac{x+4}{4(x+2)}$

Section 2

① 8 ② $\frac{14}{x}$ ③ $\frac{32x}{15}$ ④ $\frac{3}{2x^2}$ ⑤ $\frac{3x}{4}$ ⑥ $\frac{30}{x-4}$

⑦ $\frac{4(x-7)}{x(x+7)}$ ⑧ $\frac{7x}{2x-1}$ ⑨ $\frac{2(x+1)}{(x-5)(x+3)}$ ⑩ $4(x-4)$

⑪ 5 ⑫ $\frac{x+7}{7(x-5)}$

Section 3

① $\frac{6}{5}$ ③ $3x^2$ ⑤ $\frac{1}{(x+3)(2x+3)}$ ⑦ $\frac{1}{(x+4)(2x+3)}$

⑨ $\frac{x-2}{2}$ ⑪ $\frac{x-2}{3x(x-3)}$