

Rational Numbers Final Review

In order to move from one section to another, you must complete **3 questions in a row** without making an error. Once you succeed, move onto the next section. The questions become more involved, but as long as you follow BEDMAS, they do not get any harder!

Complete all answers on a separate piece of paper. Show all your steps!!

Level 1 Questions - adding & subtracting I

1. $\frac{7}{4} - \frac{8}{5}$	2. $\frac{3}{2} - \frac{9}{7}$	3. $\frac{23}{2} + \frac{9}{4}$
4. $\frac{7}{10} + \frac{2}{5}$	5. $\frac{14}{5} - \frac{4}{3}$	6. $\frac{5}{2} - \frac{13}{12}$
7. $\frac{9}{8} + \frac{5}{6}$	8. $\frac{17}{7} - \frac{5}{3}$	9. $\frac{9}{7} - \frac{5}{6}$

Level 2 Questions - adding & subtracting II

1. $2\frac{1}{5} + 1\frac{3}{4}$	2. $3\frac{1}{2} - 1\frac{1}{2}$	3. $1\frac{1}{2} + 2\frac{3}{5}$
4. $3\frac{1}{2} - 2\frac{2}{3}$	5. $5\frac{1}{2} + 5\frac{1}{4}$	6. $3\frac{1}{2} - 2\frac{5}{9}$
7. $2\frac{3}{4} + 1\frac{1}{5}$	8. $1\frac{10}{11} - 1\frac{1}{3}$	9. $3\frac{1}{4} - 2\frac{3}{8}$

Level 3 Questions - multiplying & dividing

1. $1\frac{1}{3} \times 1\frac{2}{3}$	2. $3\frac{2}{7} \div 1\frac{1}{4}$	3. $1\frac{1}{3} \times 2\frac{1}{5}$
4. $1\frac{2}{3} \div 3\frac{1}{3}$	5. $1\frac{3}{8} \times 3\frac{1}{3}$	6. $6\frac{1}{2} \div 2\frac{2}{3}$
7. $2\frac{1}{7} \div 2\frac{1}{2}$	8. $2\frac{1}{10} \div 2\frac{3}{5}$	9. $1\frac{4}{11} \div 1\frac{1}{4}$

Level 4 Questions - Order of operations - 3 step

1. $\left(\left(\frac{3}{2}\right)^2 + \frac{5}{2}\right) \div \left(-\frac{9}{5}\right)$	2. $1\frac{1}{2} \times 1\frac{2}{3} \div (-2 + 7)$	3. $\frac{1}{2} + \left(-\frac{1}{2}\right) + \frac{1}{4} - \left(-1\frac{1}{6}\right)$
4. $1\frac{1}{2} \div \left(\frac{4}{5} \times 3\frac{1}{3} \div 3\frac{1}{3}\right)$	5. $-\frac{7}{6} - \left(-\frac{5}{2} - \left(-\frac{12}{5}\right) \div \frac{9}{4}\right)$	6. $-3 + \left(-\frac{2}{3}\right) + \left(-1\frac{1}{2}\right) + \frac{11}{3}$
7. $\left(-\frac{2}{3}\right)^2 \times (-3) \div 1\frac{2}{3}$	8. $\left(-3\frac{2}{3}\right) \div 5\frac{1}{2} \times \frac{3}{4} \times 2$	9. $\left(2 - \frac{3}{4}\right) \times \left(-\frac{5}{2}\right) \div \left(-\frac{11}{4}\right)$

Rational Numbers Final Review II KEY

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Level 1 Questions - adding & subtracting

1. $\frac{3}{20}$	2. $\frac{3}{14}$	3. $13\frac{3}{4}$
4. $1\frac{1}{10}$	5. $1\frac{7}{15}$	6. $1\frac{5}{12}$
7. $1\frac{23}{24}$	8. $\frac{16}{21}$	9. $\frac{19}{42}$

Level 2 Questions - adding & subtracting II

1. $3\frac{19}{20}$	2. 2	3. $4\frac{1}{10}$
4. $\frac{5}{6}$	5. $10\frac{3}{4}$	6. $\frac{17}{18}$
7. $3\frac{19}{20}$	8. $\frac{19}{33}$	9. $\frac{7}{8}$

Level 3 Questions - multiplying & dividing

1. $2\frac{2}{9}$	2. $2\frac{22}{35}$	3. $2\frac{14}{15}$
4. $\frac{1}{2}$	5. $4\frac{7}{12}$	6. $2\frac{7}{16}$
7. $\frac{6}{7}$	8. $\frac{21}{26}$	9. $1\frac{1}{11}$

Level 4 Questions - Order of operations - 3 step

1. $-2\frac{23}{36}$	2. $\frac{1}{2}$	3. $1\frac{5}{12}$
4. $1\frac{7}{8}$	5. $\frac{4}{15}$	6. $-1\frac{1}{2}$
7. $-\frac{4}{5}$	8. -1	9. $1\frac{3}{22}$