

Adding, Subtracting, Multiplying, and Dividing Rational Numbers - Key

In problems 1-2, simplify the fraction

1. $\frac{3}{5}$	2. $\frac{-5}{8}$
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In problems 3-5, multiply the fractions and simplify

3. -1	4. $\frac{21}{5}$	5. $\frac{3}{10}$
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In problems 6-7, find the reciprocal of each number

6. $\frac{-1}{8}$	7. $\frac{3}{5}$
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In problems 8-10, divide the fractions and simplify

8. $\frac{12}{55}$	9. $\frac{16}{3}$	10. $\frac{5}{3}$
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In problems 11-15, find the sum or difference and simplify

11. $\frac{-3}{2}$	12. $\frac{-5}{6}$	13. $\frac{31}{72}$
14. $\frac{-18}{5}$	15. $\frac{7}{30}$	