

Multiply and Divide Positive and Negative Mixed Numbers

Directions: Find each product or quotient. Write your answer in simplest form.

1. $2\frac{1}{2} \cdot 2\frac{3}{4}$ $\frac{55}{8}$ or $6\frac{7}{8}$	2. $5\frac{2}{3} \div 1\frac{1}{3}$ $\frac{17}{4}$ or $4\frac{1}{4}$	3. $2\frac{1}{3} \cdot (-1\frac{3}{4})$ $-\frac{49}{12}$ or $-4\frac{1}{12}$
4. $4\frac{1}{2} \div 3\frac{1}{4}$ $\frac{18}{13}$ or $1\frac{5}{13}$	5. $-1\frac{3}{10} \cdot 6\frac{1}{4}$ $-\frac{65}{8}$ or $-8\frac{1}{8}$	6. $-3\frac{2}{5} \div 5\frac{2}{3}$ $-\frac{3}{5}$
7. $-4\frac{1}{5} \div (-5\frac{3}{5})$ $\frac{3}{4}$	8. $5\frac{1}{3} \cdot (-1\frac{3}{8})$ $-\frac{22}{3}$ or $-7\frac{1}{3}$	9. $-2\frac{5}{6} \div (-4\frac{1}{4})$ $\frac{2}{3}$
10. $3\frac{5}{9} \div (-2\frac{4}{5})$ $-\frac{80}{63}$ or $-1\frac{17}{63}$	11. $-7\frac{1}{2} \div (-4\frac{3}{8})$ $\frac{12}{7}$ or $1\frac{5}{7}$	12. $-2\frac{1}{6} \cdot (-2\frac{3}{4})$ $\frac{143}{24}$ or $5\frac{23}{24}$
13. $-1\frac{5}{6} \cdot 3\frac{3}{5}$ $-\frac{33}{5}$ or $-6\frac{3}{5}$	14. $-4\frac{3}{4} \div 2\frac{7}{10}$ $-\frac{95}{54}$ or $-1\frac{41}{54}$	15. $5\frac{1}{2} \cdot (-1\frac{2}{7})$ $-\frac{99}{14}$ or $-7\frac{1}{14}$