

Adding and Subtracting Mixed Fractions (A)

Find the value of each expression in lowest terms.

1. $2\frac{1}{5} + 1\frac{3}{4}$

5. $1\frac{1}{2} + 2\frac{3}{5}$

9. $3\frac{1}{2} - 1\frac{1}{2}$

2. $3\frac{1}{2} - 2\frac{2}{3}$

6. $3\frac{1}{2} - 2\frac{5}{9}$

10. $5\frac{1}{2} + 5\frac{1}{4}$

3. $3\frac{1}{2} - 3\frac{1}{2}$

7. $2\frac{3}{4} + 1\frac{1}{5}$

11. $1\frac{10}{11} - 1\frac{1}{3}$

4. $5\frac{3}{4} - 5\frac{1}{4}$

8. $3\frac{1}{4} - 2\frac{3}{8}$

12. $1\frac{5}{12} + 3\frac{1}{3}$

Adding and Subtracting Mixed Fractions (A) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 2\frac{1}{5} + 1\frac{3}{4} \\ & = \frac{79}{20} = 3\frac{19}{20} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{1}{2} + 2\frac{3}{5} \\ & = \frac{41}{10} = 4\frac{1}{10} \end{aligned}$$

$$\begin{aligned} 9. \quad & 3\frac{1}{2} - 1\frac{1}{2} \\ & = 2 \end{aligned}$$

$$\begin{aligned} 2. \quad & 3\frac{1}{2} - 2\frac{2}{3} \\ & = \frac{5}{6} \end{aligned}$$

$$\begin{aligned} 6. \quad & 3\frac{1}{2} - 2\frac{5}{9} \\ & = \frac{17}{18} \end{aligned}$$

$$\begin{aligned} 10. \quad & 5\frac{1}{2} + 5\frac{1}{4} \\ & = \frac{43}{4} = 10\frac{3}{4} \end{aligned}$$

$$\begin{aligned} 3. \quad & 3\frac{1}{2} - 3\frac{1}{2} \\ & = 0 \end{aligned}$$

$$\begin{aligned} 7. \quad & 2\frac{3}{4} + 1\frac{1}{5} \\ & = \frac{79}{20} = 3\frac{19}{20} \end{aligned}$$

$$\begin{aligned} 11. \quad & 1\frac{10}{11} - 1\frac{1}{3} \\ & = \frac{19}{33} \end{aligned}$$

$$\begin{aligned} 4. \quad & 5\frac{3}{4} - 5\frac{1}{4} \\ & = \frac{1}{2} \end{aligned}$$

$$\begin{aligned} 8. \quad & 3\frac{1}{4} - 2\frac{3}{8} \\ & = \frac{7}{8} \end{aligned}$$

$$\begin{aligned} 12. \quad & 1\frac{5}{12} + 3\frac{1}{3} \\ & = \frac{19}{4} = 4\frac{3}{4} \end{aligned}$$

Multiplying and Dividing Mixed Fractions (A)

Find the value of each expression in lowest terms.

1. $3\frac{2}{7} \div 1\frac{1}{4}$

6. $1\frac{1}{3} \times 1\frac{2}{3}$

11. $1\frac{3}{8} \div 1\frac{1}{12}$

2. $1\frac{2}{3} \div 3\frac{1}{3}$

7. $1\frac{1}{3} \times 2\frac{1}{5}$

12. $2\frac{7}{8} \div 5\frac{1}{2}$

3. $2\frac{1}{4} \div 1\frac{1}{2}$

8. $2\frac{1}{7} \div 2\frac{1}{2}$

13. $3\frac{2}{3} \div 1\frac{1}{6}$

4. $6\frac{1}{2} \div 2\frac{2}{3}$

9. $1\frac{3}{11} \div 2\frac{1}{3}$

14. $1\frac{3}{8} \times 3\frac{1}{3}$

5. $2\frac{1}{10} \div 2\frac{3}{5}$

10. $3\frac{1}{2} \div 2\frac{3}{4}$

15. $1\frac{4}{11} \div 1\frac{1}{4}$

Multiplying and Dividing Mixed Fractions (A) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 3\frac{2}{7} \div 1\frac{1}{4} \\ & = \frac{92}{35} = 2\frac{22}{35} \end{aligned}$$

$$\begin{aligned} 6. \quad & 1\frac{1}{3} \times 1\frac{2}{3} \\ & = \frac{20}{9} = 2\frac{2}{9} \end{aligned}$$

$$\begin{aligned} 11. \quad & 1\frac{3}{8} \div 1\frac{1}{12} \\ & = \frac{33}{26} = 1\frac{7}{26} \end{aligned}$$

$$\begin{aligned} 2. \quad & 1\frac{2}{3} \div 3\frac{1}{3} \\ & = \frac{1}{2} \end{aligned}$$

$$\begin{aligned} 7. \quad & 1\frac{1}{3} \times 2\frac{1}{5} \\ & = \frac{44}{15} = 2\frac{14}{15} \end{aligned}$$

$$\begin{aligned} 12. \quad & 2\frac{7}{8} \div 5\frac{1}{2} \\ & = \frac{23}{44} \end{aligned}$$

$$\begin{aligned} 3. \quad & 2\frac{1}{4} \div 1\frac{1}{2} \\ & = \frac{3}{2} = 1\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 8. \quad & 2\frac{1}{7} \div 2\frac{1}{2} \\ & = \frac{6}{7} \end{aligned}$$

$$\begin{aligned} 13. \quad & 3\frac{2}{3} \div 1\frac{1}{6} \\ & = \frac{22}{7} = 3\frac{1}{7} \end{aligned}$$

$$\begin{aligned} 4. \quad & 6\frac{1}{2} \div 2\frac{2}{3} \\ & = \frac{39}{16} = 2\frac{7}{16} \end{aligned}$$

$$\begin{aligned} 9. \quad & 1\frac{3}{11} \div 2\frac{1}{3} \\ & = \frac{6}{11} \end{aligned}$$

$$\begin{aligned} 14. \quad & 1\frac{3}{8} \times 3\frac{1}{3} \\ & = \frac{55}{12} = 4\frac{7}{12} \end{aligned}$$

$$\begin{aligned} 5. \quad & 2\frac{1}{10} \div 2\frac{3}{5} \\ & = \frac{21}{26} \end{aligned}$$

$$\begin{aligned} 10. \quad & 3\frac{1}{2} \div 2\frac{3}{4} \\ & = \frac{14}{11} = 1\frac{3}{11} \end{aligned}$$

$$\begin{aligned} 15. \quad & 1\frac{4}{11} \div 1\frac{1}{4} \\ & = \frac{12}{11} = 1\frac{1}{11} \end{aligned}$$

Converting Fractions & Decimals (A)

Instructions: Fill in the blanks of each row.

Fraction	Decimal	Percent (%)	Ratio
$\frac{1}{9}$			1 : 9
—	$0.44\bar{4}$	$44.\bar{4}$	
$\frac{1}{8}$	0.125		
—		$16.\bar{6}$	1 : 6
—			3 : 8
—		$88.\bar{8}$	
—	$0.77\bar{7}$		
$\frac{1}{5}$			
—	$0.66\bar{6}$		
—			7 : 10

Converting Fractions & Decimals (A) Answers

Instructions: Fill in the blanks of each row.

Fraction	Decimal	Percent (%)	Ratio
$\frac{1}{9}$	$0.11\bar{1}$	$11.\bar{1}$	1 : 9
$\frac{4}{9}$	$0.44\bar{4}$	$44.\bar{4}$	4 : 9
$\frac{1}{8}$	0.125	12.5	1 : 8
$\frac{1}{6}$	$0.16\bar{6}$	$16.\bar{6}$	1 : 6
$\frac{3}{8}$	0.375	37.5	3 : 8
$\frac{8}{9}$	$0.88\bar{8}$	$88.\bar{8}$	8 : 9
$\frac{7}{9}$	$0.77\bar{7}$	$77.\bar{7}$	7 : 9
$\frac{1}{5}$	0.2	20	1 : 5
$\frac{2}{3}$	$0.66\bar{6}$	$66.\bar{6}$	2 : 3
$\frac{7}{10}$	0.7	70	7 : 10