

Subtracting Proper and Improper Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each difference.

1. $\frac{46}{14} - \frac{7}{9} =$

2. $\frac{46}{13} - \frac{8}{9} =$

3. $\frac{10}{3} - \frac{2}{5} =$

4. $\frac{16}{7} - \frac{1}{3} =$

5. $\frac{46}{17} - \frac{4}{5} =$

6. $\frac{13}{6} - \frac{4}{7} =$

7. $\frac{10}{3} - \frac{4}{8} =$

8. $\frac{7}{3} - \frac{1}{4} =$

9. $\frac{62}{17} - \frac{1}{6} =$

10. $\frac{5}{2} - \frac{1}{7} =$

Subtracting Proper and Improper Fractions (D) Answers

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Calculate each difference.

$$1. \quad \frac{46}{14} - \frac{7}{9} = \frac{414}{126} - \frac{98}{126} = \frac{316}{126} = \frac{158}{63} = 2\frac{32}{63}$$

$$2. \quad \frac{46}{13} - \frac{8}{9} = \frac{414}{117} - \frac{104}{117} = \frac{310}{117} = 2\frac{76}{117}$$

$$3. \quad \frac{10}{3} - \frac{2}{5} = \frac{50}{15} - \frac{6}{15} = \frac{44}{15} = 2\frac{14}{15}$$

$$4. \quad \frac{16}{7} - \frac{1}{3} = \frac{48}{21} - \frac{7}{21} = \frac{41}{21} = 1\frac{20}{21}$$

$$5. \quad \frac{46}{17} - \frac{4}{5} = \frac{230}{85} - \frac{68}{85} = \frac{162}{85} = 1\frac{77}{85}$$

$$6. \quad \frac{13}{6} - \frac{4}{7} = \frac{91}{42} - \frac{24}{42} = \frac{67}{42} = 1\frac{25}{42}$$

$$7. \quad \frac{10}{3} - \frac{4}{8} = \frac{80}{24} - \frac{12}{24} = \frac{68}{24} = \frac{17}{6} = 2\frac{5}{6}$$

$$8. \quad \frac{7}{3} - \frac{1}{4} = \frac{28}{12} - \frac{3}{12} = \frac{25}{12} = 2\frac{1}{12}$$

$$9. \quad \frac{62}{17} - \frac{1}{6} = \frac{372}{102} - \frac{17}{102} = \frac{355}{102} = 3\frac{49}{102}$$

$$10. \quad \frac{5}{2} - \frac{1}{7} = \frac{35}{14} - \frac{2}{14} = \frac{33}{14} = 2\frac{5}{14}$$