

Subtracting Proper and Improper Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each difference.

1. $\frac{27}{15} - \frac{3}{8} =$

2. $\frac{17}{5} - \frac{3}{9} =$

3. $\frac{45}{13} - \frac{1}{7} =$

4. $\frac{20}{17} - \frac{1}{9} =$

5. $\frac{7}{2} - \frac{2}{3} =$

6. $\frac{36}{14} - \frac{1}{5} =$

7. $\frac{63}{19} - \frac{1}{7} =$

8. $\frac{38}{13} - \frac{3}{4} =$

9. $\frac{22}{9} - \frac{4}{8} =$

10. $\frac{18}{7} - \frac{2}{6} =$

Subtracting Proper and Improper Fractions (B) Answers

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Calculate each difference.

$$1. \quad \frac{27}{15} - \frac{3}{8} = \frac{216}{120} - \frac{45}{120} = \frac{171}{120} = \frac{57}{40} = 1\frac{17}{40}$$

$$2. \quad \frac{17}{5} - \frac{3}{9} = \frac{153}{45} - \frac{15}{45} = \frac{138}{45} = \frac{46}{15} = 3\frac{1}{15}$$

$$3. \quad \frac{45}{13} - \frac{1}{7} = \frac{315}{91} - \frac{13}{91} = \frac{302}{91} = 3\frac{29}{91}$$

$$4. \quad \frac{20}{17} - \frac{1}{9} = \frac{180}{153} - \frac{17}{153} = \frac{163}{153} = 1\frac{10}{153}$$

$$5. \quad \frac{7}{2} - \frac{2}{3} = \frac{21}{6} - \frac{4}{6} = \frac{17}{6} = 2\frac{5}{6}$$

$$6. \quad \frac{36}{14} - \frac{1}{5} = \frac{180}{70} - \frac{14}{70} = \frac{166}{70} = \frac{83}{35} = 2\frac{13}{35}$$

$$7. \quad \frac{63}{19} - \frac{1}{7} = \frac{441}{133} - \frac{19}{133} = \frac{422}{133} = 3\frac{23}{133}$$

$$8. \quad \frac{38}{13} - \frac{3}{4} = \frac{152}{52} - \frac{39}{52} = \frac{113}{52} = 2\frac{9}{52}$$

$$9. \quad \frac{22}{9} - \frac{4}{8} = \frac{176}{72} - \frac{36}{72} = \frac{140}{72} = \frac{35}{18} = 1\frac{17}{18}$$

$$10. \quad \frac{18}{7} - \frac{2}{6} = \frac{108}{42} - \frac{14}{42} = \frac{94}{42} = \frac{47}{21} = 2\frac{5}{21}$$