

Subtracting Proper and Improper Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each difference.

1. $\frac{36}{17} - \frac{1}{4} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
Denominator Solve Convert ↓

2. $\frac{15}{4} - \frac{5}{7} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

3. $\frac{8}{3} - \frac{1}{8} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

4. $\frac{25}{7} - \frac{4}{6} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

5. $\frac{52}{19} - \frac{5}{9} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

6. $\frac{27}{10} - \frac{1}{3} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

7. $\frac{47}{20} - \frac{1}{7} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

8. $\frac{14}{5} - \frac{2}{3} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

9. $\frac{29}{14} - \frac{1}{3} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

10. $\frac{51}{13} - \frac{1}{2} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

Subtracting Proper and Improper Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each difference.

$$1. \quad \frac{36}{17} - \frac{1}{4} = \frac{144}{68} - \frac{17}{68} = \frac{127}{68} = 1\frac{59}{68}$$

$$2. \quad \frac{15}{4} - \frac{5}{7} = \frac{105}{28} - \frac{20}{28} = \frac{85}{28} = 3\frac{1}{28}$$

$$3. \quad \frac{8}{3} - \frac{1}{8} = \frac{64}{24} - \frac{3}{24} = \frac{61}{24} = 2\frac{13}{24}$$

$$4. \quad \frac{25}{7} - \frac{4}{6} = \frac{150}{42} - \frac{28}{42} = \frac{122}{42} = \frac{61}{21} = 2\frac{19}{21}$$

$$5. \quad \frac{52}{19} - \frac{5}{9} = \frac{468}{171} - \frac{95}{171} = \frac{373}{171} = 2\frac{31}{171}$$

$$6. \quad \frac{27}{10} - \frac{1}{3} = \frac{81}{30} - \frac{10}{30} = \frac{71}{30} = 2\frac{11}{30}$$

$$7. \quad \frac{47}{20} - \frac{1}{7} = \frac{329}{140} - \frac{20}{140} = \frac{309}{140} = 2\frac{29}{140}$$

$$8. \quad \frac{14}{5} - \frac{2}{3} = \frac{42}{15} - \frac{10}{15} = \frac{32}{15} = 2\frac{2}{15}$$

$$9. \quad \frac{29}{14} - \frac{1}{3} = \frac{87}{42} - \frac{14}{42} = \frac{73}{42} = 1\frac{31}{42}$$

$$10. \quad \frac{51}{13} - \frac{1}{2} = \frac{102}{26} - \frac{13}{26} = \frac{89}{26} = 3\frac{11}{26}$$