

Subtracting Proper and Improper Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each difference.

1. $\frac{54}{17} - \frac{6}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2. $\frac{17}{7} - \frac{1}{5} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

3. $\frac{23}{17} - \frac{1}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

4. $\frac{33}{10} - \frac{2}{3} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

5. $\frac{42}{11} - \frac{6}{9} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

6. $\frac{16}{7} - \frac{1}{2} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

7. $\frac{15}{7} - \frac{1}{2} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

8. $\frac{21}{13} - \frac{1}{2} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

9. $\frac{22}{13} - \frac{1}{3} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

10. $\frac{25}{7} - \frac{1}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$

Subtracting Proper and Improper Fractions (H) Answers

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Date: _____

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Calculate each difference.

$$1. \quad \frac{54}{17} - \frac{6}{9} = \frac{486}{153} - \frac{102}{153} = \frac{384}{153} = \frac{128}{51} = 2\frac{26}{51}$$

$$2. \quad \frac{17}{7} - \frac{1}{5} = \frac{85}{35} - \frac{7}{35} = \frac{78}{35} = 2\frac{8}{35}$$

$$3. \quad \frac{23}{17} - \frac{1}{6} = \frac{138}{102} - \frac{17}{102} = \frac{121}{102} = 1\frac{19}{102}$$

$$4. \quad \frac{33}{10} - \frac{2}{3} = \frac{99}{30} - \frac{20}{30} = \frac{79}{30} = 2\frac{19}{30}$$

$$5. \quad \frac{42}{11} - \frac{6}{9} = \frac{378}{99} - \frac{66}{99} = \frac{312}{99} = \frac{104}{33} = 3\frac{5}{33}$$

$$6. \quad \frac{16}{7} - \frac{1}{2} = \frac{32}{14} - \frac{7}{14} = \frac{25}{14} = 1\frac{11}{14}$$

$$7. \quad \frac{15}{7} - \frac{1}{2} = \frac{30}{14} - \frac{7}{14} = \frac{23}{14} = 1\frac{9}{14}$$

$$8. \quad \frac{21}{13} - \frac{1}{2} = \frac{42}{26} - \frac{13}{26} = \frac{29}{26} = 1\frac{3}{26}$$

$$9. \quad \frac{22}{13} - \frac{1}{3} = \frac{66}{39} - \frac{13}{39} = \frac{53}{39} = 1\frac{14}{39}$$

$$10. \quad \frac{25}{7} - \frac{1}{6} = \frac{150}{42} - \frac{7}{42} = \frac{143}{42} = 3\frac{17}{42}$$