

Adding Proper and Improper Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each sum.

1. $\frac{1}{2} + \frac{27}{15} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2. $\frac{3}{6} + \frac{17}{11} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

3. $\frac{1}{3} + \frac{11}{4} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$

4. $\frac{1}{2} + \frac{31}{9} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$

5. $\frac{1}{2} + \frac{32}{9} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$

6. $\frac{1}{7} + \frac{8}{3} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$

7. $\frac{1}{8} + \frac{5}{3} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$

8. $\frac{4}{5} + \frac{26}{14} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

9. $\frac{1}{4} + \frac{36}{17} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$

10. $\frac{4}{9} + \frac{62}{16} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

Adding Proper and Improper Fractions (E) Answers

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Calculate each sum.

$$1. \quad \frac{1}{2} + \frac{27}{15} = \frac{15}{30} + \frac{54}{30} = \frac{69}{30} = \frac{23}{10} = 2\frac{3}{10}$$

$$2. \quad \frac{3}{6} + \frac{17}{11} = \frac{33}{66} + \frac{102}{66} = \frac{135}{66} = \frac{45}{22} = 2\frac{1}{22}$$

$$3. \quad \frac{1}{3} + \frac{11}{4} = \frac{4}{12} + \frac{33}{12} = \frac{37}{12} = 3\frac{1}{12}$$

$$4. \quad \frac{1}{2} + \frac{31}{9} = \frac{9}{18} + \frac{62}{18} = \frac{71}{18} = 3\frac{17}{18}$$

$$5. \quad \frac{1}{2} + \frac{32}{9} = \frac{9}{18} + \frac{64}{18} = \frac{73}{18} = 4\frac{1}{18}$$

$$6. \quad \frac{1}{7} + \frac{8}{3} = \frac{3}{21} + \frac{56}{21} = \frac{59}{21} = 2\frac{17}{21}$$

$$7. \quad \frac{1}{8} + \frac{5}{3} = \frac{3}{24} + \frac{40}{24} = \frac{43}{24} = 1\frac{19}{24}$$

$$8. \quad \frac{4}{5} + \frac{26}{14} = \frac{56}{70} + \frac{130}{70} = \frac{186}{70} = \frac{93}{35} = 2\frac{23}{35}$$

$$9. \quad \frac{1}{4} + \frac{36}{17} = \frac{17}{68} + \frac{144}{68} = \frac{161}{68} = 2\frac{25}{68}$$

$$10. \quad \frac{4}{9} + \frac{62}{16} = \frac{64}{144} + \frac{558}{144} = \frac{622}{144} = \frac{311}{72} = 4\frac{23}{72}$$