

Adding Proper and Improper Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each sum.

1. $\frac{2}{6} + \frac{14}{11} =$

2. $\frac{7}{8} + \frac{12}{9} =$

3. $\frac{6}{8} + \frac{23}{17} =$

4. $\frac{1}{2} + \frac{4}{3} =$

5. $\frac{1}{6} + \frac{17}{13} =$

6. $\frac{2}{4} + \frac{47}{19} =$

7. $\frac{1}{2} + \frac{7}{3} =$

8. $\frac{2}{8} + \frac{4}{3} =$

9. $\frac{4}{6} + \frac{16}{7} =$

10. $\frac{5}{9} + \frac{24}{10} =$

Adding Proper and Improper Fractions (D) Answers

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Calculate each sum.

$$1. \quad \frac{2}{6} + \frac{14}{11} = \frac{22}{66} + \frac{84}{66} = \frac{106}{66} = \frac{53}{33} = 1\frac{20}{33}$$

$$2. \quad \frac{7}{8} + \frac{12}{9} = \frac{63}{72} + \frac{96}{72} = \frac{159}{72} = \frac{53}{24} = 2\frac{5}{24}$$

$$3. \quad \frac{6}{8} + \frac{23}{17} = \frac{102}{136} + \frac{184}{136} = \frac{286}{136} = \frac{143}{68} = 2\frac{7}{68}$$

$$4. \quad \frac{1}{2} + \frac{4}{3} = \frac{3}{6} + \frac{8}{6} = \frac{11}{6} = 1\frac{5}{6}$$

$$5. \quad \frac{1}{6} + \frac{17}{13} = \frac{13}{78} + \frac{102}{78} = \frac{115}{78} = 1\frac{37}{78}$$

$$6. \quad \frac{2}{4} + \frac{47}{19} = \frac{38}{76} + \frac{188}{76} = \frac{226}{76} = \frac{113}{38} = 2\frac{37}{38}$$

$$7. \quad \frac{1}{2} + \frac{7}{3} = \frac{3}{6} + \frac{14}{6} = \frac{17}{6} = 2\frac{5}{6}$$

$$8. \quad \frac{2}{8} + \frac{4}{3} = \frac{6}{24} + \frac{32}{24} = \frac{38}{24} = \frac{19}{12} = 1\frac{7}{12}$$

$$9. \quad \frac{4}{6} + \frac{16}{7} = \frac{28}{42} + \frac{96}{42} = \frac{124}{42} = \frac{62}{21} = 2\frac{20}{21}$$

$$10. \quad \frac{5}{9} + \frac{24}{10} = \frac{50}{90} + \frac{216}{90} = \frac{266}{90} = \frac{133}{45} = 2\frac{43}{45}$$