# Operations with Fractions (G)

Name: _____    Date: _____    Score: _____

Calculate each result.

1. $\dfrac{1}{2} - \left(-\dfrac{17}{5}\right)$ = —— - —— = —— = ——

2. $\dfrac{11}{3} + \dfrac{3}{5}$ = —— + —— = —— = ——

3. $\dfrac{5}{7} - \left(-\dfrac{9}{4}\right)$ = —— - —— = —— = ——

4. $\left(-\dfrac{4}{5}\right) \div \dfrac{1}{4}$ = —— × —— = —— = ——

5. $\dfrac{22}{7} - \dfrac{13}{6}$ = —— - —— = ——

6. $\left(-\dfrac{6}{7}\right) + \dfrac{29}{9}$ = —— + —— = —— = ——

7. $\dfrac{5}{2} \div \dfrac{2}{3}$ = —— × —— = —— = ——

8. $\dfrac{13}{6} + \left(-\dfrac{3}{7}\right)$ = —— + —— = —— = ——

9. $\left(-\dfrac{1}{4}\right) \div \dfrac{28}{9}$ = —— × —— = ——

10. $\dfrac{10}{9} \times \left(-\dfrac{22}{7}\right)$ = —— = ——

# Operations with Fractions (G) Answers

Name: _____    Date: _____    Score: _____

Calculate each result.

1. $\dfrac{1}{2} - \left(-\dfrac{17}{5}\right) = \dfrac{5}{10} - \left(-\dfrac{34}{10}\right) = \dfrac{39}{10} = 3\dfrac{9}{10}$

2. $\dfrac{11}{3} + \dfrac{3}{5} = \dfrac{55}{15} + \dfrac{9}{15} = \dfrac{64}{15} = 4\dfrac{4}{15}$

3. $\dfrac{5}{7} - \left(-\dfrac{9}{4}\right) = \dfrac{20}{28} - \left(-\dfrac{63}{28}\right) = \dfrac{83}{28} = 2\dfrac{27}{28}$

4. $\left(-\dfrac{4}{5}\right) \div \dfrac{1}{4} = \left(-\dfrac{4}{5}\right) \times \dfrac{4}{1} = \left(-\dfrac{16}{5}\right) = \left(-3\dfrac{1}{5}\right)$

5. $\dfrac{22}{7} - \dfrac{13}{6} = \dfrac{132}{42} - \dfrac{91}{42} = \dfrac{41}{42}$

6. $\left(-\dfrac{6}{7}\right) + \dfrac{29}{9} = \left(-\dfrac{54}{63}\right) + \dfrac{203}{63} = \dfrac{149}{63} = 2\dfrac{23}{63}$

7. $\dfrac{5}{2} \div \dfrac{2}{3} = \dfrac{5}{2} \times \dfrac{3}{2} = \dfrac{15}{4} = 3\dfrac{3}{4}$

8. $\dfrac{13}{6} + \left(-\dfrac{3}{7}\right) = \dfrac{91}{42} + \left(-\dfrac{18}{42}\right) = \dfrac{73}{42} = 1\dfrac{31}{42}$

9. $\left(-\dfrac{1}{4}\right) \div \dfrac{28}{9} = \left(-\dfrac{1}{4}\right) \times \dfrac{9}{28} = \left(-\dfrac{9}{112}\right)$

10. $\dfrac{10}{9} \times \left(-\dfrac{22}{7}\right) = \left(-\dfrac{220}{63}\right) = \left(-3\dfrac{31}{63}\right)$