

Name:

A. Zito

Date:

Math - Worksheet 1.2 - Answer Key  
Review Fractions

Fractions p5

$$1) \frac{3}{7} + \frac{4}{7}$$

$$= \frac{7}{7}$$

$$2) \frac{3}{4} - \frac{1}{6} =$$

$$= \frac{9}{12} - \frac{2}{12}$$

$$= \frac{7}{12}$$

$$3) \frac{5}{8} \times \frac{3}{7}$$

$$= \frac{15}{56}$$

$$4) \frac{9}{16} \div \frac{3}{4}$$

$$= \frac{9}{16} \times \frac{4}{3}$$

$$= \frac{3}{4}$$

$$5) \frac{2}{3} + \frac{1}{2}$$

$$= \frac{4}{6} + \frac{3}{6}$$

$$= \frac{7}{6}$$

$$6) \frac{5}{9} \times \frac{3}{5}$$

$$= \frac{3}{9}$$

$$= \frac{1}{3}$$

$$7) \frac{20}{3} - \frac{40}{6}$$

$$= \frac{20}{3} - \frac{20}{3}$$

$$= 0$$

$$8) \frac{4}{5} \div \frac{8}{15}$$

$$= \frac{4}{5} \times \frac{15}{8}$$

$$= \frac{3}{2}$$

$$9) \frac{5}{6} - \frac{3}{5}$$

$$= \frac{25}{30} - \frac{18}{30}$$

$$= \frac{7}{30}$$

$$10) \frac{3}{8} + \frac{2}{3}$$

$$= \frac{9}{24} + \frac{16}{24}$$

$$= \frac{25}{24}$$

$$11) \frac{5}{6} \div \frac{15}{16}$$

$$= \frac{5}{6} \times \frac{16}{5}$$

$$= \frac{16}{6}$$

$$= \frac{8}{3}$$

$$12) \frac{2}{3} - \frac{1}{5}$$

$$= \frac{10}{15} - \frac{3}{15}$$

$$= \frac{7}{15}$$

$$13) \frac{5}{7} - \frac{2}{8}$$

$$= \frac{40}{56} - \frac{14}{56}$$

$$= \frac{26}{56}$$

$$= \frac{13}{28}$$

$$14) \frac{4}{5} + 1\frac{1}{4}$$

$$= \frac{4}{5} + \frac{5}{4}$$

$$= \frac{16}{20} + \frac{25}{20}$$

$$= \frac{41}{20}$$

$$15) 3\frac{3}{4} \div 2\frac{1}{3}$$

$$= \frac{15}{4} \div \frac{7}{3}$$

$$= \frac{15}{4} \times \frac{3}{7}$$

$$= \frac{45}{28}$$

$$16) \frac{4}{7} \div \frac{1}{2}$$

$$= \frac{4}{7} \times \frac{2}{1}$$

$$= \frac{8}{7}$$

$$17) \frac{3}{4} \times \frac{16}{27}$$

$$= \frac{48}{108}$$

$$= \frac{4}{9}$$

$$18) \frac{2}{3} - \frac{1}{2}$$

$$= \frac{4}{6} - \frac{3}{6}$$

$$= \frac{1}{6}$$

$$19) 7 + 2\frac{1}{3}$$

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

$$= \frac{21}{3} + \frac{7}{3}$$

$$= \frac{28}{3}$$

$$20) \frac{5}{7} - \frac{1}{8}$$

$$= \frac{40}{56} - \frac{7}{56}$$

$$= \frac{33}{56}$$

$$21) 4\frac{2}{5} - 1\frac{1}{6}$$

$$= \frac{22}{5} - \frac{7}{6}$$

$$= \frac{132}{30} - \frac{35}{30}$$

$$= \frac{97}{30}$$

$$22) 15 + \left(-3\frac{4}{5}\right)$$

$$= \frac{15}{1} + \left(\frac{-19}{5}\right)$$

$$= \frac{75}{5} - \frac{19}{5}$$

$$= \frac{56}{5}$$

$$23) \left(\frac{7}{4}\right) - \left(3\frac{1}{3}\right)$$

$$= \frac{7}{4} - \frac{10}{3}$$

$$= \frac{21}{12} - \frac{40}{12}$$

$$= \frac{-19}{12}$$

$$24) \left(-3\frac{4}{5}\right) - \left(6\frac{3}{10}\right)$$

$$= \frac{-19}{5} - \frac{63}{10}$$

$$= \frac{-38}{10} - \frac{63}{10}$$

$$= \frac{101}{10}$$

$$25) (12) \left(\frac{-3}{4}\right) (16)$$

$$= 12 \cdot \frac{-3}{4} \cdot \cancel{16}^4$$

$$= 12 \cdot -12$$

$$= -144$$

$$26) \left(-2\frac{2}{7}\right) \times \left(-\frac{5}{8}\right)$$

$$\cancel{14}^2 \times \frac{5}{8}$$

$$= \frac{10}{7}$$

$$27) \left(\frac{-3}{4}\right) \div \left(4\frac{1}{2}\right)$$

$$= \frac{-3}{4} \div \frac{9}{2}$$

$$= \frac{-3}{4} \times \frac{2}{9}$$

$$= \frac{-1}{6}$$

$$28) 12 \div 15$$

$$= \frac{12}{15}$$

$$= \frac{4}{5}$$

$$29) 3\frac{2}{7} + -9\frac{7}{8}$$

$$= \frac{23}{7} - \frac{79}{8}$$

$$= \frac{184}{56} - \frac{553}{56}$$

$$= \frac{-369}{56}$$

$$30) \frac{-1}{3} + \frac{5}{6} + \left(-\frac{5}{7}\right)$$

$$= \frac{-14}{42} + \frac{35}{42} - \frac{30}{42}$$

$$= \frac{-9}{42}$$

$$= \frac{-3}{14}$$

$$31) \left(\frac{-7}{5}\right) - \left(-9\frac{1}{10}\right)$$

$$= \frac{-7}{5} + \frac{91}{10}$$

$$= \frac{-14}{10} + \frac{91}{10}$$

$$= \frac{77}{10}$$

$$32) \frac{-3}{8} - \frac{3}{24}$$

$$= \frac{-9}{24} - \frac{3}{24}$$

$$= \frac{-12}{24}$$

$$= \frac{-1}{2}$$

$$33) \frac{-2}{3} \times \frac{12}{15} \times \frac{-5}{16}$$

$$= \frac{-2}{3} \times \frac{2}{5} \times \frac{-5}{16}$$

$$= \frac{1}{6}$$