

Name:

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Date

math - Worksheet 1.1 - Answer Key  
Review Fractions

Fractions p 6

$$1) \left(\frac{2}{3}\right) + \left(-\frac{1}{5}\right)$$

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

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

$$2) \left(-\frac{5}{6}\right) - \left(\frac{3}{8}\right)$$

$$= \frac{-20}{24} - \frac{9}{24}$$

$$= \frac{-29}{24}$$

$$3) (-6) \div \left(\frac{8}{3}\right)$$

$$= \frac{-6}{1} \times \frac{3}{8}$$

$$= \frac{-6}{8} \text{ OR } -\frac{3}{4}$$

$$4) -\frac{4}{5} \times \frac{7}{12}$$

$$\begin{array}{l} \div 4 = \textcircled{-1} \\ = -\frac{4}{5} \times \frac{7}{12 \div 4 = \textcircled{3}} \end{array}$$

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

$$5) \left(-1\frac{2}{5}\right) \div \left(2\frac{1}{3}\right)$$

$$= \frac{-7}{5} \div \frac{7}{3}$$

$$= \frac{7}{5} \times \frac{3}{7}$$

$$= \frac{21}{35}$$

$$6) (-18) \left(\frac{4}{9}\right)$$

$$= \frac{-2}{1} \cdot \frac{4}{9}$$

$$= \frac{4}{1}$$

$$= 4$$

$$7) \left(2\frac{3}{4}\right) - \left(-5\frac{1}{2}\right)$$

$$= \frac{11}{4} + \frac{11}{2}$$

$$= \frac{11}{4} + \frac{22}{4}$$

$$= \frac{33}{4}$$

$$8) \left(-3\frac{2}{5}\right) + \left(7\frac{3}{4}\right)$$

$$= \frac{-17}{5} + \frac{31}{4}$$

$$= \frac{-68}{20} + \frac{155}{20}$$

$$= \frac{87}{20}$$

$$9) \left(-\frac{4}{7}\right) + 1$$

$$= \frac{-4}{7} + \frac{7}{7}$$

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

$$10) \left(-4\frac{3}{5}\right) - \left(-6\frac{1}{3}\right)$$

$$= -\frac{23}{5} + \frac{19}{3}$$

$$= -\frac{69}{15} + \frac{95}{15}$$

$$= \frac{26}{15}$$

$$11) \left(-\frac{3}{4}\right) \left(\frac{2}{3}\right) \left(-\frac{6}{11}\right)$$

$$= \frac{-3}{4} \cdot \frac{2}{3} \cdot \frac{-6}{11}$$

$$= \frac{3}{11}$$

$$12) \left(-\frac{3}{4}\right) \div 9$$

$$= \frac{-3}{4} \times \frac{1}{9}$$

$$= \frac{1}{12}$$

$$13) \frac{4}{7} \div \frac{3}{14}$$

$$= \frac{4}{7} \times \frac{14}{3}$$

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

$$14) \left(3\frac{1}{3}\right) \times \left(-2\frac{1}{4}\right)$$

$$= \frac{10}{3} \cdot \frac{-9}{4}$$

$$= -\frac{15}{2}$$

$$15) \left(\frac{2}{7}\right) - \frac{3}{1}$$

$$= \frac{2}{7} - \frac{21}{7}$$

$$= -\frac{19}{7}$$

$$16) \left(3\frac{1}{2}\right) + \left(2\frac{3}{4}\right)$$

$$= \frac{7}{2} + \frac{11}{4}$$

$$= \frac{14}{4} + \frac{11}{4}$$

$$= \frac{25}{4}$$

$$17) \left(6\frac{7}{8}\right) + \left(-1\frac{1}{5}\right)$$

$$= \frac{55}{8} - \frac{6}{5}$$

$$= \frac{275}{40} - \frac{48}{40}$$

$$= \frac{227}{40}$$

$$18) 5 - 4\frac{1}{5}$$

$$= \frac{5}{1} - \frac{21}{5}$$

$$= \frac{25}{5} - \frac{21}{5}$$

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

$$19) \left(\frac{9}{11}\right) \left(-5\right) \left(\frac{2}{18}\right)$$

$$= \left(\frac{9}{11}\right) \left(-\frac{5}{1}\right) \left(\frac{1}{9}\right)$$

$$= -\frac{5}{11}$$

$$20) \left(-4\frac{1}{2}\right) \div \left(\frac{3}{4}\right)$$

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

$$= -6$$

$$21) \left(\frac{1}{4}\right) + \left(-\frac{8}{12}\right)$$

$$= \frac{3}{12} - \frac{8}{12}$$

$$= -\frac{5}{12}$$