

Fraction Decimal Test Corrections

Fraction/Decimal Test Corrections

120214

obj: to correct Test 2

$$1) -1.0\cancel{5} = -\frac{105 \div 5}{100 \div 5} = -\frac{21}{20}$$

$$= -1\frac{5 \div 5}{100 \div 5} = -1\frac{1}{20}$$

$$2) -0.\underline{1}\underline{9}$$

$$-\frac{19}{100}$$

Fraction Decimal Test Corrections

$$3) -1\frac{2}{5} \cdot \frac{2}{2} = -1\frac{4}{10}$$

-1.4

$$4) \frac{3}{8} \begin{matrix} \rightarrow \text{numerator} \\ \rightarrow \text{denominator} \end{matrix}$$

denominator | numerator

= 0.375

$$\begin{array}{r} 0.\overline{375} \\ 8 \overline{)3.0000} \\ -24 \\ \hline 60 \\ -56 \\ \hline 40 \\ -40 \\ \hline 0 \end{array}$$

Fraction Decimal Test Corrections

5) $1.7 - 3.5$

$$\begin{array}{r} 1.7 + (-3.5) \\ \hline 2 \\ \cancel{3} \cancel{.5} \\ - 1.7 \\ \hline 1.8 \end{array}$$

= -1.8

Fraction Decimal Test Corrections

6) $-2.3 - 1.4$

$$-2.3 + (-1.4) = -3.7$$

$$\begin{array}{r} 2.3 \\ + 1.4 \\ \hline 3.7 \end{array}$$

Fraction Decimal Test Corrections

7) $-1.2 + 0.15 = -1.05$

The image shows a handwritten subtraction problem. Above the problem, the equation $-1.2 + 0.15 = -1.05$ is written, with the result -1.05 circled in blue. Below the equation, the subtraction is shown as $\begin{array}{r} 1.20 \\ - 0.15 \\ \hline 1.05 \end{array}$. The number 1.20 is written in red, with a green line through the 1 and a red circle around the 0. The numbers 0.15 and the result 1.05 are also written in red.

Fraction Decimal Test Corrections

8) $-4.1 + (-0.13)$ - - 4.23

$$\begin{array}{r} 4.10 \\ + 0.13 \\ \hline 4.23 \end{array}$$

Fraction Decimal Test Corrections

9) $(-0.3)(0.8) = -0.24$

$\begin{array}{r} 0.3 \\ \times 0.8 \\ \hline .24 \end{array}$

$\frac{3}{10} \cdot \frac{8}{10} = \frac{24}{100}$

Fraction Decimal Test Corrections

$$10) (-1.4)(-0.02) = +0.028$$

$$\begin{array}{r} 1.4 \\ \times 0.02 \\ \hline 0.028 \end{array} \quad \frac{14}{10} \cdot \frac{2}{100} = \frac{28}{1000}$$

Fraction Decimal Test Corrections

$$\text{II) } -0.36 \div 0.3$$

$\times 10$

$\times 10$

$$-3.6 \div 3 = -1.2$$

1.2

$$\begin{array}{r} 3.6 \\ \hline 3 | \overline{3.6} \\ \quad \downarrow \\ \quad -3 \\ \hline \quad 06 \\ \quad \underline{-6} \\ \hline \quad 0 \end{array}$$

Fraction Decimal Test Corrections

$$12) \quad -1.46 \div (-0.2) = +7.3$$

$$-14.6 \div -2$$

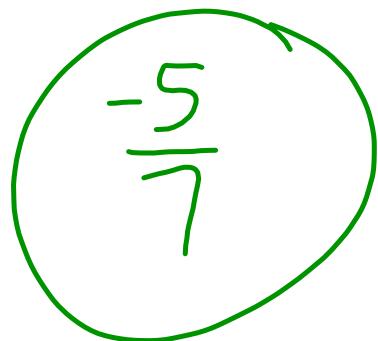
$$\begin{array}{r} 07.3 \\ \hline 2 | \overline{14.6} \\ -14 \\ \hline 06 \\ -6 \\ \hline 0 \end{array}$$

Fraction Decimal Test Corrections

$$(3) -1\frac{3}{7} + \frac{5}{7}$$

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

$$\begin{array}{r} -10+5 \\ \hline 7 \end{array}$$


$$\frac{-5}{7}$$

Fraction Decimal Test Corrections

$$14) -2\frac{3}{5} \cdot \frac{2}{2} + \left(-1\frac{2}{10}\right)$$
$$-2\frac{6}{10} + \left(-1\frac{2}{10}\right)$$

$$-3\frac{8}{10} = -3\frac{4}{5}$$

Fraction Decimal Test Corrections

$$15) \quad 1\frac{2}{9} - 2\frac{1}{9}$$

$$\begin{array}{r} 11 \\ \hline 9 \\ - \end{array} \quad \begin{array}{r} 19 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 11 - 19 \\ \hline 9 \end{array}$$

$$\begin{array}{c} -8 \\ \hline 9 \end{array}$$

Fraction Decimal Test Corrections

$$(16) -\frac{3}{8} - 1\frac{1}{4}$$

$$-\frac{3}{8} - \frac{5}{4} \cdot \frac{2}{2}$$

$$-\frac{3}{8} - \frac{10}{8}$$

$$-\frac{3}{8} + \frac{-10}{8}$$

$$\textcircled{-}\frac{13}{8}$$

Fraction Decimal Test Corrections

$$17) \left(-2\frac{1}{3}\right) \left(\frac{9}{14}\right)$$

$$\left(\frac{-1}{3}\right) \left(\frac{9}{14}\right)$$

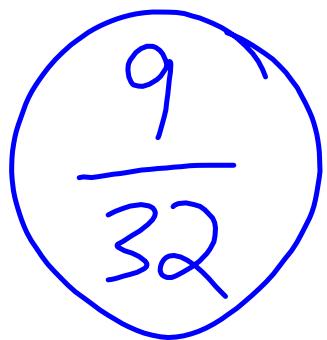
$$\frac{-1 \cdot 3}{1 \cdot 2}$$

$$\circled{-\frac{3}{2}}$$

Fraction Decimal Test Corrections

18)

$$\left(-\frac{3}{4}\right) \left(-\frac{3}{8}\right)$$


$$\frac{9}{32}$$

Fraction Decimal Test Corrections

$$19) -1\frac{1}{3} \div \left(-\frac{5}{6}\right)$$

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

$$-\frac{4}{3} \cdot \frac{\cancel{6}^2}{-5}$$

$$\frac{-8}{-5}$$


Fraction Decimal Test Corrections

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

$$\begin{array}{r} -13 \\ \hline 3 \end{array} \quad \div \quad \begin{array}{r} 7 \\ \hline 3 \end{array}$$
$$\begin{array}{r} -13 \\ \hline 3 \end{array} \cdot \begin{array}{r} 3 \\ \hline 7 \end{array}$$
$$\begin{array}{r} 13 \\ \hline 3 \end{array}$$

$$\begin{array}{c} -13 \\ \hline 7 \end{array}$$