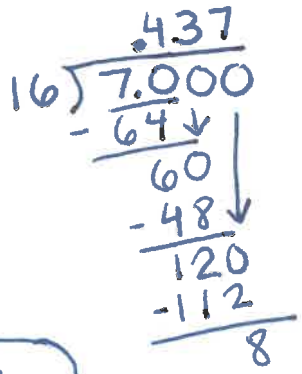
ATTACK!

Fractions Review

Question #1

Convert to a decimal.

$$\frac{7}{16}$$

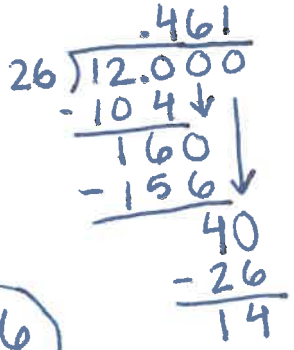


0.43

Question #2

Convert to a decimal.

$$\frac{12}{26}$$



0.46

Question #3

Put the decimals in order from least to greatest.

0.04 0.24 0.024 0.02 0.234

0.02, 0.024, 0.04, 0.234, 0.24

Question #4

Put the decimals in order from least to greatest.

0.34 0.28 0.039 0.2 0.341

0.039, 0.2, 0.28, 0.34, 0.341

Question #5

Put the fractions in order from least to greatest.

$\frac{12}{16}$ $\frac{12}{24}$ $\frac{2}{10}$

$\frac{2}{10}$, $\frac{12}{24}$, $\frac{12}{16}$

Question #6

Convert to an improper fraction.

$4\frac{3}{4}$

$4 \cdot 4 = 16$
$16 + 3 = 19$

$\frac{19}{4}$

Question #7

Convert to an improper fraction.

$2\frac{4}{12}$

$2 \cdot 12 = 24$
$24 + 4 = 28$

$\frac{28}{12}$

Question #8

Convert to a mixed number.

$$\frac{15}{3}$$

$$3\overline{)15}\quad 5,\ -15,\ 0$$

5

Question #9

Convert to a mixed number.

$$\frac{32}{5}$$

$$5\overline{)32}\quad 6,\ -30,\ 2$$

$6\frac{2}{5}$

Question #10

Multiply.

$$\frac{4}{5} \cdot \frac{3}{5} = \frac{12}{25}$$

Question #11

Multiply.

$$\frac{3}{12} \cdot 2\frac{1}{4} =$$

$$\frac{3}{\cancel{12}_{4}} \cdot \frac{\cancel{4}^{3}}{4} = \frac{9}{16}$$

Question #12

Multiply.

$$3 \cdot \frac{2}{7} =$$

$\frac{3}{1} \cdot \frac{2}{7} = \frac{6}{7}$

Question #13

Multiply.

$$7 \cdot 3\frac{1}{5} =$$

$\frac{7}{1} \cdot \frac{16}{5} = \frac{112}{5} = 22\frac{2}{5}$

$$\begin{array}{r} 22 \\ 5\overline{)112} \\ -10\downarrow \\ \hline 12 \\ -10 \\ \hline 2 \end{array}$$

Question #14

Divide.

$$\frac{1}{5} \div \frac{4}{6} =$$

$\frac{1}{5} \cdot \frac{\cancel{6}^{3}}{\cancel{4}_{2}} = \frac{3}{10}$

Question #15

Divide.

$$\frac{3}{12} \div \frac{2}{11} =$$

$\frac{3}{12} \cdot \frac{11}{2} = \frac{33}{24} = 1\frac{9}{24}$

Question #16

Divide.

$$2\frac{1}{4} \div \frac{5}{8} =$$

$5\overline{)18}$ $\times 3$, -15, 3

$\frac{9}{4} \cdot \frac{8}{5} = \frac{18}{5} = 3\frac{3}{5}$

Question #17

Divide.

$$5\frac{2}{3} \div 4 =$$

$12\overline{)17}$ 1, -12, 5

$\frac{17}{3} \div \frac{4}{1} = \frac{17}{3} \cdot \frac{1}{4} = \frac{17}{12} = 1\frac{5}{12}$

Question #18

Convert.

128 ounces = 8 pounds

$\frac{128 \text{ oz.}}{1} \cdot \frac{1 \text{ lbs.}}{16 \text{ oz.}} = \frac{128 \text{ lbs.}}{16} = 8 \text{ lbs.}$

Question #19

Convert.

34,320 feet = 6.5 miles

$\frac{34{,}320 \text{ ft.}}{1} \cdot \frac{1 \text{ mi.}}{5{,}280 \text{ ft.}} = \frac{34{,}320 \text{ mi}}{5{,}280} = 6.5 \text{ mi}$