

BE-1

Friday 8-8-08

- ① Simplify $\frac{32}{48}$
- ② CONVERT $\frac{32}{48}$ to a decimal.
- ③ What per cent is $\frac{32}{48}$?
- ④ Convert 0.004 to a fraction.
- ⑤ Name the place value of the 4:

8431.0

* Have forms ready to hand in.

* EX) $\Rightarrow$ Convert $\frac{2}{5}$ to a decimal
by long division

*m $\Rightarrow$ ① "MOON THE FRACTION" $\Rightarrow$ {bottom
OUTSIDE}

$$5 \overline{) 2}$$

② ADD 2 ZEROS AND 2 DECIMALS

$$5 \overline{) 2.00}$$

③ ignore decimals, does 5 fit into 2? No - so put a 0 above it.
If it does fit, write down how many times, then multiply, subtract, bring down... rinse and repeat!

$$\begin{array}{r} 0.40 \\ 5 \overline{) 2.00} \\ \underline{-20} \\ 00 \end{array} = \boxed{0.4}$$

(*d)

Steps for showing work in this class:

① Write ORIGINAL problem

② Show WORK

③ BOX ANSWER

(*EX)

Convert $\frac{32}{48}$ to a decimal

$$\frac{32}{48} = \frac{4}{6} = \frac{2}{3}$$

$$\begin{array}{r} 0.\overline{6} \\ 3 \overline{) 2.00} \\ \underline{18} \\ 20 \end{array}$$

$$\boxed{\frac{32}{48} = 0.\overline{6}}$$

(*d)

All fractions will be either

Repeating decimals or terminating decimals

EX) $\frac{1}{3} = .\overline{3}$

EX) $\frac{1}{2} = 0.5$

Do NOT use $\times$ for multiplication
in Algebra. Use a $\cdot$ or use
NOTHING! $3x$ means 3 times x .

$3(x)$ means 3 times x .

$3 \cdot x$ means 3 times x .

preferred

This is called "implied" multiplication
↓
hinted at



HOMEWORK:

Simplify and convert to a decimal. Use long division, show work.

① $\frac{3}{4}$

② $\frac{14}{16}$

③ $\frac{7}{8}$

④ $\frac{24}{36}$

On a separate sheet of paper write:

- Your math likes/dislikes/strengths/weaknesses.
- Your math class likes/dislikes.