

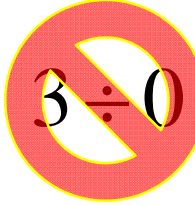
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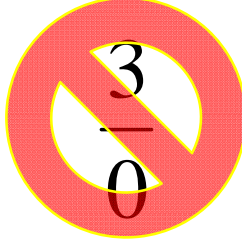
TRANSFORMING FORMULAS

Something you should know...

$$0 \div 3$$

$$\frac{0}{3}$$


$$3 \div 0$$


$$\frac{3}{0}$$

Restriction

Something that cannot work
(because it may lead to
something being undefined)

Tell me what are the restrictions
for what x can be for the
following:

$$\frac{6}{x}$$

What's a Formula?

An equation made up mostly of
variables

$$A = lw$$

$$A = \pi r^2$$

$$d = \frac{r}{t}$$

Example 1

Solve the formula for m . State any restrictions.

$$F = ma$$

Example 2

Solve the formula for x . State any restrictions.

$$y = mx + b$$

Example 3


Solve the formula for b . State any restrictions.

$$A = \frac{1}{2}h(a + b)$$

Example 4

Solve the formula for d . State any restrictions.

$$F = \frac{fg}{f + g - d}$$



Notice that "d"
is in the bottom