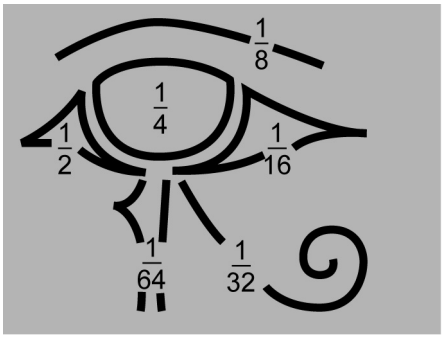
Name: _____ Date: _____

BLM 7–4

Section 7.1 Math Link

Use this worksheet to help you with the Math Link on page 236.

1. Determine a common denominator for the fractions in the Eye of Horus.



The greatest denominator shown is _____. Now, determine whether this number is a multiple of the other denominators in the Eye of Horus.

Is this number a multiple of 2? YES NO
Is this number a multiple of 4? YES NO
Is this number a multiple of 8? YES NO
Is this number a multiple of 16? YES NO
Is this number a multiple of 32? YES NO

What did you discover? _____

A common denominator for the fractions in the Eye of Horus is _____.

2. Use this common denominator to determine an equivalent fraction for each part in the eye.

a) $\frac{1}{2} = \frac{\square}{\square}$ (× — above, × — below)

Any operation you perform on the denominator must be performed on the numerator as well.

b) $\frac{1}{4} = \frac{\square}{\square}$ **c)** $\frac{1}{8} = \frac{\square}{\square}$ **d)** $\frac{1}{16} = \frac{\square}{\square}$ **e)** $\frac{1}{32} = \frac{\square}{\square}$