

# Puzzle

## Egyptian Division

Here are some Egyptian fraction symbols.

$$\text{trapezoid} = \frac{1}{2}$$

$$\text{eye with 3 dots} = \frac{1}{3}$$

$$\text{eye with 4 dots} = \frac{1}{4}$$

$$\text{eye with 6 dots} = \frac{1}{6}$$

$$\text{eye with 3 dots and vertical line} = \frac{2}{3}$$

Use the symbols to make each equation true.

1.  $\text{eye with 3 dots} \div \text{trapezoid} = \underline{\hspace{2cm}}$

2.  $\text{eye with 4 dots} \div \text{trapezoid} = \underline{\hspace{2cm}}$

3.  $\text{eye with 6 dots} \div \text{eye with 3 dots} = \underline{\hspace{2cm}}$

4.  $\text{eye with 6 dots} \div \text{eye with 3 dots and vertical line} = \underline{\hspace{2cm}}$

5.  $\underline{\hspace{2cm}} \div \text{eye with 4 dots} = 2$

6.  $\underline{\hspace{2cm}} \div \text{eye with 6 dots} = 2$

7.  $\text{eye with 3 dots and vertical line} \div \underline{\hspace{2cm}} = 4$

8.  $\text{eye with 4 dots} \div \underline{\hspace{2cm}} = \frac{3}{8}$

9.  $\underline{\hspace{2cm}} \div \text{eye with 3 dots and vertical line} = \text{trapezoid}$

10.  $\text{eye with 6 dots} \div \underline{\hspace{2cm}} = \text{eye with 3 dots and vertical line}$

11.  $\underline{\hspace{2cm}} \div \text{trapezoid} = \text{eye with 3 dots}$

12.  $2 \div \underline{\hspace{2cm}} = 3$

