

# Challenge

## Brahmi Numerals

Brahmi (BRAH - mee) is an ancient system for writing numerals. It was developed thousands of years ago in India. Brahmi numerals do not include a symbol for 0.

1	2	3	4	5	6	7	8	9	10
—	=	≡	𑀓	𑀔	𑀕	𑀖	𑀗	𑀘	𑀙

• In Brahmi,  $8 \div 2 = 4$   
would look like this:

$$\text{𑀗} \div \text{=} = \text{𑀓}$$

• In Brahmi,  $3 \times 5 = 15$   
would look like this:

$$\text{≡} \times \text{𑀔} = \text{—}$$

Use our number system to rewrite each equation and solve for each expression.

1.  $\text{𑀓} \times \text{𑀘}$

\_\_\_\_\_

2.  $\text{𑀓} \text{𑀔} \div \text{𑀔}$

\_\_\_\_\_

3.  $\text{𑀖} \times \text{𑀔}$

\_\_\_\_\_

4.  $\text{=} \text{𑀓} \div \text{≡}$

\_\_\_\_\_

5.  $\text{𑀙} \div \text{𑀔}$

\_\_\_\_\_

6.  $\text{=} \text{𑀗} \div \text{𑀓}$

\_\_\_\_\_

7.  $\text{𑀖} \times \text{𑀘}$

\_\_\_\_\_

8.  $\text{𑀘} \times \text{≡}$

\_\_\_\_\_

9. **Create Your Own** Make up a multiplication and a division equation of your own using Brahmi numerals. Rewrite the equations using our number system.

\_\_\_\_\_

\_\_\_\_\_

## Challenge

### Brahmi Numerals

Brahmi (BRAH - mee) is an ancient system for writing numerals. It was developed thousands of years ago in India. Brahmi numerals do not include a symbol for 0.

1	2	3	4	5	6	7	8	9	10
—	=	≡	𑀓	𑀔	𑀕	𑀖	𑀗	𑀘	𑀙

• In Brahmi,  $8 \div 2 = 4$   
would look like this:

$$\text{𑀗} \div \text{=} = \text{𑀓}$$

• In Brahmi,  $3 \times 5 = 15$   
would look like this:

$$\text{≡} \times \text{𑀔} = \text{—}$$

Use our number system to rewrite each equation and solve for each expression.

1.  $\text{𑀓} \times \text{𑀘}$

$$\underline{4 \times 9 = 36}$$

2.  $\text{𑀓} \text{ 𑀔} \div \text{𑀔}$

$$\underline{45 \div 5 = 9}$$

3.  $\text{𑀖} \times \text{𑀔}$

$$\underline{7 \times 5 = 35}$$

4.  $\text{=} \text{ 𑀓} \div \text{≡}$

$$\underline{24 \div 3 = 8}$$

5.  $\text{𑀙} \div \text{𑀔}$

$$\underline{10 \div 5 = 2}$$

6.  $\text{=} \text{ 𑀗} \div \text{𑀓}$

$$\underline{28 \div 4 = 7}$$

7.  $\text{𑀖} \times \text{𑀘}$

$$\underline{7 \times 9 = 63}$$

8.  $\text{𑀘} \times \text{≡}$

$$\underline{9 \times 3 = 27}$$

9. **Create Your Own** Make up a multiplication and a division equation of your own using Brahmi numerals. Rewrite the equations using our number system.

**Answers will vary.**

---



---