

## PreAlgebra Caching

Name \_\_\_\_\_

**PreAlgebra Caching ANSWER Sheet**

Show all work on this paper. There is a printable "Certificate" available when you find the last hidden box. Start here::

<http://mathbits.com/caching/prealgcache1.html>

**Box 1:**

1. Simplify:  $(-2)^2 + 26 \div (-8 + 6) \cdot 2 - (-10) - 2^2$

2. Evaluate each expression when  $x = 4$ ,  $y = 2$ , and  $z = -1$ .

a.  $\frac{6x+4}{y}$

b.  $x + y^2 + z^3$

c.  $(x + y)(x - z)$

d.  $\frac{xy + yz}{x + y}$

**Box 2:**

1. 4.

2. 5.

3. 6.

**Box 3:**

1. 2.

3. 4.

**Box 4:**

1. 4.

2. 5.

3. 5.

**Box 5:**

1. 2.

3. 4.

**Box 6:**

- 1.
- 2.
- 3.
- 4.

**Box 7:**

- 1.
- 2.
- 3.

**Box 8:**

- 1.
- 2.
- 3.
- 4.

**Box 9:**

- 1.
- 2.
- 3.
- 4.
- 5.

**Box 10:** Complete this URL of the winning box!  
[http://mathbits.com/caching/ PA\\_\\_\\_\\_\\_](http://mathbits.com/caching/PA_____).html

Remember that there is a printable “Certificate”.