



Name _____

PreAlgebraCaching ANSWER Sheet

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

The starting box is found at:

<http://mathbits.com/caching/prealgcach1.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.

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”.