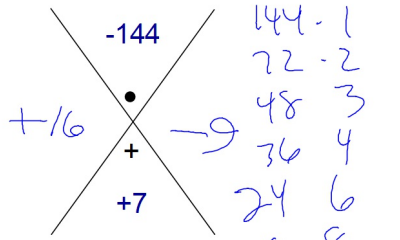
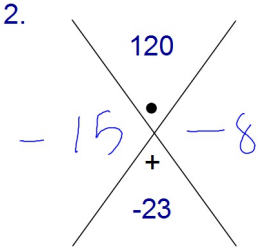
Find two numbers that multiply to the # on the top and add to the # on the bottom.

1.



144 · 1
72 · 2
48 3
36 4
24 6
18 8
16 9 ✓

2.



120 1
60 2
40 3
30 4
24 5
20 6
15 8

3. Expand using the box.

	8c	-9
3c	$24c^2$	$-27c$
+7	$56c$	-63

$24c^2 + 29c - 63$

4. Replace the ? to make this expansion using the box correct.

	$2x$?	? $+4$
6x	$12x^2$	$+24x$
-12?	$-24x$	-48

1. Write this polynomial in Standard Form.

$4m^3 - m^5 + 3 - 6m - 24m^2$

$-m^5 + 4m^3 - 24m - 6m + 3$

Take one of the orange ActivExpressions

2. What is the degree of this polynomial?

$-m^5 + 4m^3 - 24m^2 - 6m + 3$

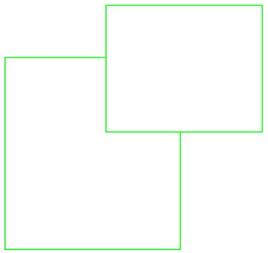
5

3. What is the degree of this monomial?

$18a^4b^5c$ 10

4. Name this polynomial by its degree: $9n^2 - 4n + 1$

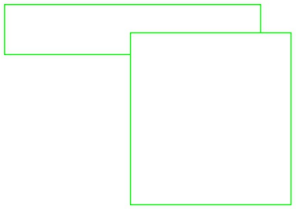
A. Trinomial
B. Linear
C. Quadratic
D. Cubic
E. Monomial



5. Name this polynomial by the number of terms.

$7c^3$

A. Cubic
B. Constant
C. Trinomial
D. Monomial
E. Quadratic



6. Name this polynomial by its degree.

8-7q

A. Linear
B. Binomial
C. Constant
D. Monomial
E. Quadratic

7. Name this polynomial by the number of terms.

$4 + 8c^3 - 7c$

A. Monomial
B. Quadratic
C. Cubic
D. Binomial
E. Trinomial

8. Name this polynomial by its degree.

-12.5

A. Monomial
B. Linear
C. Binomial
D. Constant
E. Triomial

factor.

$64a^2b^5c - 48ab^7c^3 + 80a^4b^2c^8$

$16ab^2c(4ab^3 - 3b^5c^2 + 5a^3c^7)$