

Alg 2
FFines

Transformation Review

For each problem, state what $a =$, $b =$, $h =$, $k =$, Then describe the transformations using the proper vocab.

① $f(x) = -2|x+3| - 7$

② $f(x) = (\frac{1}{2}(x-1))^2 + 3$

③ $f(x) = \frac{3}{4}\sqrt[3]{5x} + 5$

④ $f(x) = 5 \cdot (\frac{1}{2})^{x-5} - 9$

⑤ $f(x) = \sqrt{4(x+1)} + 2$

⑥ $f(x) = 6x - 3$

Alg 2

Spot
Review

Show

~~ay~~

① $4n^2 - 49$

② $n^2 + 8n + 12$

③ $n^2 - 9n + 20$

④ $n^2 + 16n + 64$

⑤ $n^2 + 2n - 15$

⑥ $3n^2 - 8n + 5$

⑦ $a^2 + 4a - 21$

⑧ $5a^2 + 9a - 2$

⑨ $2a^2 + 11a + 15$

⑩ $1 - 9a^2$

⑪ $a^2 - 11a + 30$

⑫ $10a^2 - 3a - 1$

Then

factor

w/ box

or

grouping

method

⑬ $8u^2 + 19u + 6$

⑭ $25u^2 - 20u + 4$

⑮ $3u^2 - 11u - 14$

⑯ $u^2 - 4u - 21$

⑰ $6u^2 + 17u - 10$

⑱ $2u^2 + 5u - 18$