

1.2 Greatest Common Factor

Factor each completely.

1) $p^2 - 3p$

2) $v^2 + 10v$

3) $v^2 - v$

4) $a^2 + a$

5) $k^2 - 4k$

6) $5v^3 + 15v^2$

7) $9r^2 + 6r$

8) $3n^2 - 27n$

9) $28a^3 + 16a^2$

10) $m^3 - 2m^2$

11) $3x^2 - 18x^3$

12) $5x^4 + 5x^2$

13) $6x^4 + 6x^2$

14) $10a^3 - 19a^2 - 30a$

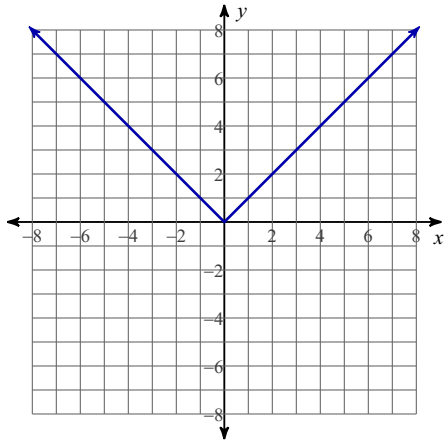
15) $4x^3 + 3x^2 + 3x$

16) $16v^2 + 28v - 48$

17) $9x^3 + 16x^2 + 3x$

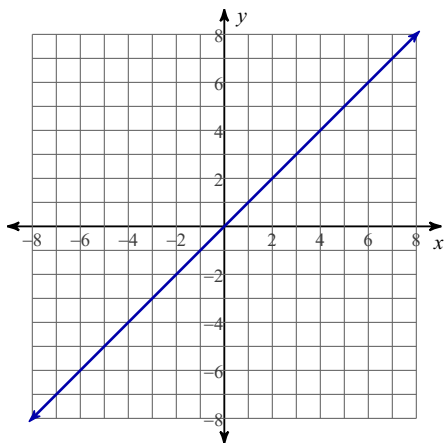
Determine which parent function is shown.

18)



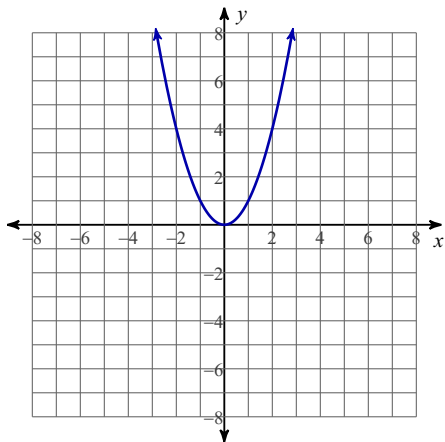
19) $f(x) = x^2$

20)



21) $f(x) = |x|$

22)



23) $f(x) = x$