

Student Name: _____

Score: _____

Find the G.C.F of Monomials

Work Space

G.C.F of $3xy$, $6xz$ and $9xyz$ is _____

G.C.F of x^3y^2 , xy and x is _____

G.C.F of mn^3 , m^4n and mn is _____

G.C.F of $a^3b^7c^4$, $(abc)^5$ and $a^2b^3c^2$ is _____

G.C.F of $2r^5$, $4r^3$ and $6r^4$ is _____

G.C.F of x^3yz^2 , $x^2y^3z^4$ and $2x^3yz^3$ is _____

G.C.F of $5m^8$, $10m^6$ and $7m^3$ is _____

G.C.F of $6a$, $4b$ and $2c$ is _____

G.C.F of pq^4 , q^3r and pq^2r is _____

G.C.F of $(ab)^4$, $(abc)^3$ and $(abcd)^6$ is _____

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Find the G.C.F of Monomials

Work Space

G.C.F of xy and x^2y is _____

G.C.F of ab and ba is _____

G.C.F of mn and m is _____

G.C.F of pqr and rst is _____

G.C.F of xy and y^3 is _____

G.C.F of ab^2c and a^2bc is _____

G.C.F of $(pq)^3$ and pq^3 is _____

G.C.F of yz and y is _____

G.C.F of x^3y^2z and xy^2z^3 is _____

G.C.F of abc and ac is _____

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Find the G.C.F of Polynomials

Problems

Work Space

| | |
|---------------------------------------|--|
| $(a + b)$ and $(a + b)^3$ | |
| G.C.F = _____ | |
| $(x - y)$ and $xy(x - y)$ | |
| G.C.F = _____ | |
| $m^2 - n^2$ and $(m + n)$ | |
| G.C.F = _____ | |
| $(a + c)$ and $a^2b(a + c)$ | |
| G.C.F = _____ | |
| $(a + b)(c + d)$ and $(a - b)(c + d)$ | |
| G.C.F = _____ | |
| $xy(x + y)$ and $xy(x - y)$ | |
| G.C.F = _____ | |

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Find the G.C.F of Monomials

Work Space

- G.C.F of $6pq$ and $4p^2q$ is _____
- G.C.F of $3g^3h^3$ and $9g^3h^3$ is _____
- G.C.F of $4sr^3$ and $8mn^3$ is _____
- G.C.F of $2lmn$ and $3lm$ is _____
- G.C.F of $6x^4y^3z^2$ and $8x^5y^2z$ is _____
- G.C.F of $2ac^6$ and $4ac$ is _____
- G.C.F of $3a^2b^2$ and $6abc$ is _____
- G.C.F of $2def$ and $4gh$ is _____
- G.C.F of $3kl^4$ and $9l$ is _____
- G.C.F of $5ab$ and $7bd$ is _____