

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  $2r^5$ ,  $4r^9$  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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### Answers

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

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

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

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

G.C.F of  $2r^5$ ,  $4r^9$  and  $6r^4$  is  $2r^4$

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

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

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

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

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