

# Escape Room Activity

## GCF of Monomials

You have found yourself locked in a room with four doors. The GCF of the pair of monomials in each room will provide you the escape route by circling the correct answer.

1

$m^5n$

GCF of  $m^3n^8, m^5n$

$m^5n^8$     $m^3n^5$

$m^3n$

2

$v^5w$

GCF of  $u^7v^{12}w, uv$

$uvw$     $uv$

$u^7v$

3

$p^5q^5$

GCF of  $p^8q^5r, p^5q^{10}r$

$p^8q^{10}r$     $pqr$

$p^5q^5r$

4

$ab$

GCF of  $ab, a^2b^2$

$a^2b^2$     $ab^2$

$a^2b$

5

$p^4$

GCF of  $18p^4, 24p^8$

$p^8$     $6p^4$

$12p$

6

$9xy^2$

GCF of  $18xy^3, 81xy^2$

$9$     $9xy^3$

$9xy$

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### Answers

