

Factorisation

Topic: Monomial

Name: Date:

Find the greatest common factor (GCF/HCF):

1. $2x^2$ and $12x^2$ 2. $6x^3y$ and $18x^2y^3$ 3. $7x$, $21x^2$ and $14xy^2$ 4. $42x^2yz$ and $63x^3y^2z^3$ 5. $12ax^2$, $6a^2x^3$ and $2a^3x^5$ 6. $9x^2$, $15x^2y^3$, $6xy^2$ and $21x^2y^2$ 7. $4a^2b^3$, $-12a^3b$, $18a^4b^3$ 8. $6x^2y^2$, $9xy^3$, $3x^3y^2$ 9. a^2b^3 , a^3b^2 10. x^3 , $-yx^2$ 