

Algebra

A014-Dividing a Polynomial by a Monomial



Simplify the following expressions.

<p>1. $\frac{9x+6}{3}$</p> <p>A) $3x+6$ C) $3x+2$ B) $9x+2$ D) $6x+3$</p>	<p>6. $\frac{8x^4+4x^2}{4x^2}$</p> <p>A) $2x^2$ C) $2x^2+x$ B) $2x^2+1$ D) 2</p>
<p>2. $\frac{24x-36}{4}$</p> <p>A) $6x-9$ C) $6x-12$ B) $6x-36$ D) $24x-9$</p>	<p>7. $\frac{4x^3+12x^2-20x}{x}$</p> <p>A) $4x^2+12x-20$ C) $16x^2-20x$ B) $4x^3+12x^2-20$ D) $4x^3+12x^2$</p>
<p>3. $\frac{26x+18}{2}$</p> <p>A) $13x+18$ C) $13x+9$ B) $26x+9$ D) $18x+9$</p>	<p>8. $\frac{18x^3y^2+24x^2y^2}{6x^2y^2}$</p> <p>A) $18x^3y^2+4$ C) $18x^3y^2+4x^2y^2$ B) $3x+4$ D) $3x^2y+4xy$</p>
<p>4. $\frac{18x^2-8x}{2x}$</p> <p>A) $9x-4$ C) $18x-4$ B) $18x^2-4x$ D) $9x-4x$</p>	<p>9. $\frac{20a^4b^5-35a^3b^4+15a^5b}{5a^2b}$</p> <p>A) $4a^2b^5-7ab^4+3$ C) $4a^2b^4-7ab^3+3a^3$ B) $4ab-7ab^2+3a^2$ D) $4a^2b^5-7ab^4+3a^3$</p>
<p>5. $\frac{28x^3-7x^2}{7x}$</p> <p>A) $4x^2-7x$ C) $4x^3-x^2$ B) $4x^2-x$ D) $21x^2-x$</p>	<p>10. $\frac{x^5y^3-x^3y^4+x^2y^3}{xy^3}$</p> <p>A) x^4y-x^2y+xy C) x^4-x^2y+xy B) $x^5-x^3y+x^2$ D) x^4-x^2y+x</p>