

Practice A

For use with pages 684–689

Divide.

1. Divide $6x + 9$ by 3.
2. Divide $5y + 10$ by 5.
3. Divide $7n^2 + 4n$ by n .
4. Divide $8m^2 + 2m$ by m .
5. Divide $4t^3 + 2t^2$ by t .
6. Divide $7t^2 + 14t$ by $7t$.
7. Divide $12n^2 + 5n$ by n .
8. Divide $4m^2 + 2m$ by $2m$.
9. Divide $10v^2 + 5v - 15$ by 5.
10. Divide $4w^2 + 8w + 2$ by 4.
11. Divide $3n^2 + 9n - 6$ by $3n$.
12. Divide $8b^3 - 2b^2 + 5b$ by b .

Practice B

For use with pages 684–689

Divide.

1. Divide $24x - 16$ by 4.
2. Divide $3x^2 + 8x - 2$ by 2.
3. Divide $x^2 + 4$ by 3.
4. Divide $7x^2 + 5x - 2$ by x .
5. Divide $x^3 + x + 5$ by x .
6. Divide $x^{10} - 18$ by x .
7. Divide $9x^3 + 3x^2 - 6x + 1$ by $-x$.
8. Divide $3x^2 + 18x$ by $3x$.
9. Divide $-8x^3 + 4x^2 - 5x - 6$ by $-x$.
10. Divide $6x^2 - 4x + 5$ by $2x$.
11. Divide $10x^3 + 8x^2 - 7x - 1$ by $2x$.
12. Divide $16x^3 + 8x^2 - 4x + 2$ by $4x$.

Practice C

For use with pages 684–689

Divide.

1. Divide $32x - 8$ by 4.
2. Divide $(5x^2 + 6x - 7)$ by 2.
3. Divide $6x^2 + 4x - 9$ by 3.
4. Divide $6x^2 + 7x - 5$ by x .
5. Divide $5x^3 + x^2 + 7x$ by x .
6. Divide $x^8 - 4x^4 + 5$ by x .
7. Divide $12x^3 - 4x^2 - 3x + 6$ by $-x$.
8. Divide $6x^2 - 9x + 5$ by $3x$.
9. Divide $-6x^3 + 8x^2 - 3x - 9$ by $-2x$.
10. Divide $8x^2 - 12x + 20$ by $5x$.
11. Divide $-8x^6 + 6x^4 - 3x^2 + 9$ by $2x^2$.
12. Divide $8x^7 + 4x^4 - 4x^3 - 6$ by $-4x^2$.

Divide.

13. Divide $x^2 + 3x - 40$ by $x - 5$.
14. Divide $x^2 - 14x + 24$ by $x - 2$.
15. Divide $2x^2 - x - 21$ by $x + 3$.
16. Divide $3x^2 - 2x - 8$ by $x - 2$.