Algebra 1
Review Ch. 8.1-8.4
Quiz today 8.3-8.4
MCT Mon.

matching activity

MCQ p. 492
(odds)

8-1 Adding and Subtracting Polynomials

Write each polynomial in standard form.

11. $x + 2 + 3x^2$

12. $1 - x^4$

Find each sum or difference.

15. $\left(x^3 + 2\right) + \left(-3x^3 - 5\right)$
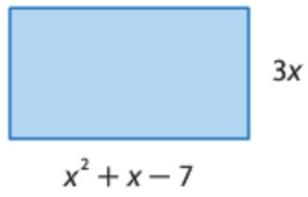
16. $a^2 + 5a - 3 - (2a^2 - 4a + 3)$

8-2 Multiplying a Polynomial by a Monomial

Solve each equation.

19. $x^2(x + 2) = x(x^2 + 2x + 1)$

21. $2(4w + w^2) - 6 = 2w(w - 4) + 10$

22. GEOMETRY Find the area of the rectangle.

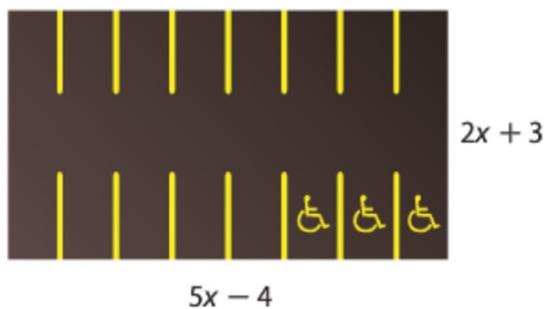$x^2 + x - 7$

$3x$

8-3 Multiplying Polynomials

Find each product.

23. $(x - 3)(x + 7)$

24. $(3a - 2)(6a + 5)$

27. PARKING LOT The parking lot shown is to be paved. What is the area to be paved?

$2x + 3$

$5x - 4$

31. $(2x - 3)(2x + 3)$

32. $(2r + 5t)^2$