

### HW 3.1 Activity (day 2)

Name: \_\_\_\_\_

- Regular: p. 84-85 #12-14, 30-32
- Modified: p. 84-85 #12, 13, 30, 32
- Advanced: p. 84-85 #12-14, 25, 26, 30-32

#### Simplify the expression.

12.  $12g + 9g$

13.  $11x + 9 - 7$

14.  $8s - 11s + 6$

#### Order the lengths from least to greatest. (Skills Review Handbook)

30. 15 in., 14.8 in., 15.8 in., 14.5 in., 15.3 in.    31. 0.65 m, 0.6 m, 0.52 m, 0.55 m, 0.545 m

32. **MULTIPLE CHOICE** A bird's nest is 12 feet above the ground. A mole's den is 12 inches below the ground. What is the difference in height of these two positions? (Section 1.3)

(A) 24 in.

(B) 11 ft

(C) 13 ft

(D) 24 ft

#### Advanced:

25. **BANNER** Write an expression in simplest form that represents the area of the banner.

3 ft



$(3 + x)$  ft

	Car	Truck
Wash	\$8	\$10
Wax	\$12	\$15

26. **CAR WASH** Write an expression in simplest form that represents the earnings for washing and waxing  $x$  cars and  $y$  trucks.