Module 4 Topic D Lessons 9-10 Student Copy

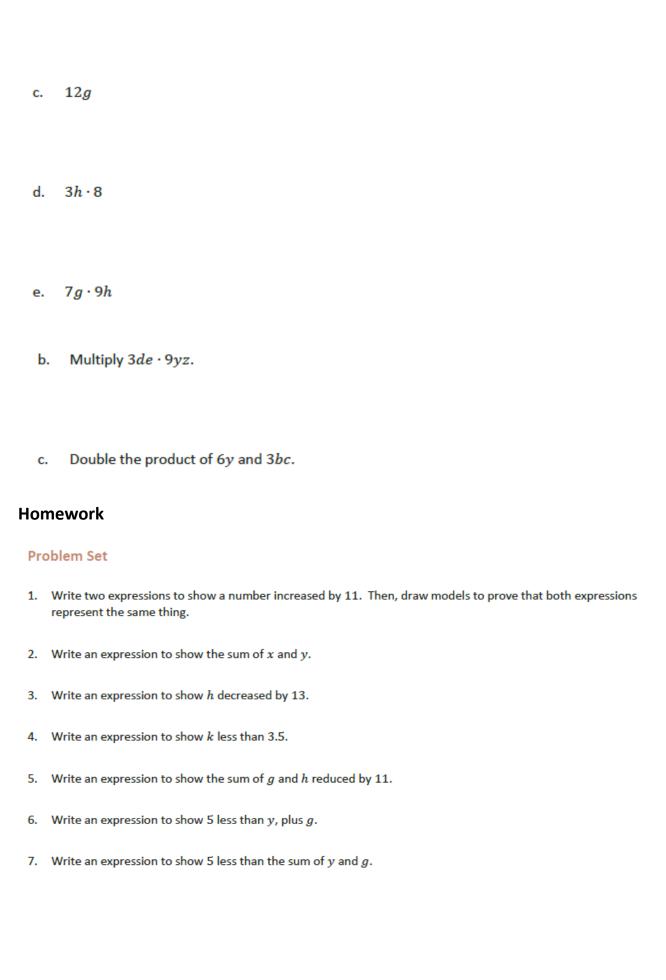
Classwork Exercises

- 1. Write an expression to show the sum of 7 and 1.5.
- 2. Write two expressions to show w increased by 4. Then, draw models to prove that both expressions represent the same thing.
- 3. Write an expression to show the sum of a, b, and c.
- Write an expression to show the difference of 3 and p.
- 6. Write an expression to show 4 less than the sum of g and 5.
- 7. Write an expression to show 4 decreased by the sum of g and 5.

Expand or simplify the following problems

d.
$$5 \times m \times 3 \times p$$

e.
$$1 \times g \times w$$



Problem Set

- 1. Rewrite the expression in standard form (use the fewest number of symbols and characters possible).
 - a. 5 · y
 - b. $7 \cdot d \cdot e$
 - c. $5 \cdot 2 \cdot 2 \cdot y \cdot z$
 - d. 3·3·2·5·d
- 2. Write the following expressions in expanded form.
 - a. 3*g*
 - b. 11mp
 - c. 20yz
 - d. 15abc
- 3. Find the product.
 - a. $5d \cdot 7g$
 - b. 12ab ⋅ 3cd