SUPER 12s

2 ALGEBRA
2.4 MULTIPLICATION OF TERMS
2.4 LEVEL 2

NAME:_____

Skill description: Multiplication of algebraic terms with constants and variables.

Essential Revision: Rewrite using the correct algebraic conventions.

1. $2a^1$	2. $4 \times x$
3. $0 + 3c$	4. $x \times x$
5. $1x + 0$	6. $a \times c \times b$

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7.

$$c \times c \times c \times c \times c$$

8.

$$y \div x$$

9.

$$x^1 - y^0$$

10.

$$2 \times x \times 3$$

11.

$$1c + 1c$$

12.

$$e \times d \times e$$

Solutions can be found at the end of the booklet.

score $\overline{12}$

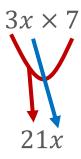Visit super12s.com for more than 200 Algebra booklets just like this one!

STRATEGIES TO SOLVE THE PROBLEMS

Example 1

Simplify.

$$3x \times 7$$

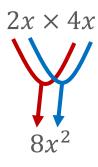We multiply the numbers because there is only one term with a variable.

$$3x \times 7$$

$$21x$$

Example 2

Simplify.

$$2x \times 4x$$

First, multiply the coefficients, then multiply the variables.

$$2x \times 4x$$

$$8x^2$$

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Example 3

Simplify.

$$2x \times 5y$$

First, multiply the coefficients, then multiply the variables.

$$2x \times 5y$$

$$10xy$$

Example 4

Simplify.

$$2x \times 3x \times 2x$$

First, multiply the coefficients, then multiply the variables.

$$2x \times 3x \times 2x$$

$$12x^3$$

1.

$$2x \times 7$$

2.

$$3x \times 4x$$

3.

$$2a \times 3b$$

4.

$$4 \times 8a$$

5.

$$4y \times 4y$$

6.

$$2x \times 7y$$

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7.

$$5 \times 3p$$

8.

$$2g \times 4g \times g$$

9.

$$3 \times 2a \times 5b$$

10.

$$5 \times 3p \times 2$$

11.

$$3x \times 4x \times 2x$$

12.

$$2x \times 5y \times 3$$

SOLUTIONS CAN BE FOUND AT
THE END OF THE BOOKLET.

score $\frac{}{12}$

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MASTERY TEST

I'VE COMPLETED

_____

LEVELS THIS YEAR

Solutions to Essential Revision

1. $2a$	2. $4x$
3. $3c$	4. x^2
5. x	6. abc
7. c^5	8. $\frac{y}{x}$
9. $x - 1$	10. $6x$
11. $2c$	12. de^2

Solutions to Questions

1. $14x$	2. $12x^2$
3. $6ab$	4. $32a$
5. $16y^2$	6. $14xy$
7. $15p$	8. $8g^3$
9. $30ab$	10. $30p$
11. $24x^3$	12. $30xy$

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