

UNIT 1 - LESSON PLANS

Class Math 3 **Topic** Decomposing Units Using the Distributive Property **Lesson** 9 **Of** 10

Objective Students will:
Factor out a common factor from both numbers of a multiplication expression.

Use the knowledge of division to make a bigger number into two smaller factors.

“I Can” Statement I can decompose an expression into smaller expressions.

I can divide the multiplicand and multiplier by a common factor to decompose an expression.

Common Core Standards

[CCSS.MATH.CONTENT.3.OA.A.3](#)

Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.

[CCSS.MATH.CONTENT.3.OA.B.5](#)

Apply properties of operations as strategies to multiply and divide. *Examples: If $6 \times 4 = 24$ is known, then $4 \times 6 = 24$ is also known. (Commutative property of multiplication.) $3 \times 5 \times 2$ can be found by $3 \times 5 = 15$, then $15 \times 2 = 30$, or by $5 \times 2 = 10$, then $3 \times 10 = 30$. (Associative property of multiplication.) Knowing that $8 \times 5 = 40$ and $8 \times 2 = 16$, one can find 8×7 as $8 \times (5 + 2) = (8 \times 5) + (8 \times 2) = 40 + 16 = 56$. (Distributive property.)*

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Bell Work

See Bell Work 1-9

Procedures

1. Start and lead student discussion related to the bell work.
2. Distribute the Guided Notes
3. Present lesson or play a video lesson.
4. Use an Online Activity if time permitted.
5. Distribute Lesson Assignment.

Assessment

Bell Work 1-9
Assignment 1-9
Exit Quiz 1-9

**Additional
Resources**

See Online Activities