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Block A

Math 8
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Room 101

Lesson 0.1 Arithmetic Operations

Warm-Up

Add.

Subtract.

Multiply.

Divide.

$$7 + 9 = 16$$

$$24 - 7 = 17$$

$$6 \times 8 = 48$$

$$45 \div 9 = 5$$

Divide Use a remainder.

$$24 \div 5 = 4r4$$

$$50 \div 8 = 6r2$$

$$17 \div 4 = 4r1$$

$$75 \div 9 = 8r3$$

The Terms Of Arithmetic

Addition: Augend + Addend = Sum

Subtraction: Minuend - Subtrahend = Difference

Multiplication: Multiplicand \times Multiplier = Product

Division: Dividend \div Divisor = Quotient

Drill: 4-minute multiplication

Lesson: Fractions

Improper fractions can be converted into mixed numbers. For example:

$$\frac{19}{4} = 4 \frac{3}{4}$$

$$\frac{16}{4} + \frac{3}{4}$$