Name: ANSWER KEY Block: _____ Date: _____

SOLVING & WRITING EQUATIONS REVIEW

Task Card #1

Solve for the variable.

$x + 34 = 452$

$-34 \quad -34$

$x = 418$

Task Card #2

Solve for the variable.

$w - 459 = 231$

$+459 \quad +459$

$w = 690$

Task Card #3

Solve for the variable.

$\frac{3m}{3} = \frac{93}{3}$

$m = 31$

Task Card #4

Solve for the variable.

$12 \cdot \frac{m}{12} = 5 \cdot 12$

$m = 60$

Task Card #5

Solve for the variable.

$6 \cdot \frac{x}{6} = 19 \cdot 6$

$x = 114$

Task Card #6

Solve for the variable.

$2x + 25 = 117$

$-25 \quad -25$

$\frac{2x}{2} = \frac{92}{2}$

$x = 46$

Task Card #7

Solve for the variable.

$17 + 4r = 49$

$-17 \quad -17$

$\frac{4r}{4} = \frac{32}{4}$

$r = 8$

Task Card #8

Solve for the variable.

$\frac{x}{22} + 15 = 19$

$-15 \quad -15$

$22 \cdot \frac{x}{22} = 4 \cdot 22$

$x = 88$

Task Card #9

Write the equation and solve for the variable.

The sum of 45 and m is 62.

$45 + m = 62$

$-45 \quad -45$

$m = 17$

Task Card #10

Write the equation and solve for the variable.

A number is increased by 67 is 203.

$n + 67 = 203$

$-67 \quad -67$

$n = 136$

Task Card #11

Write the equation and solve for the variable.

When you take away 42 from c it equals 12.

$c - 42 = 12$

$+42 \quad +42$

$c = 54$

Task Card #12

Write the equation and solve for the variable.

204 divided by a number equals 51.

$n \cdot \frac{204}{n} = 51 \cdot n$

$\frac{204}{51} = \frac{51n}{51}$

$4 = n$

Task Card #13

Write the equation and solve for the variable.

The product of 6 and r equals 516.

$\frac{6r}{6} = \frac{516}{6}$

$r = 86$

Task Card #14

Write the equation and solve for the variable.

Eleni is x years old. In thirteen years she will be forty-six years old. How old is Eleni?

$x + 13 = 46$

$-13 \quad -13$

$x = 33$ years old

Task Card #15

Write the equation and solve for the variable.

Leila used 32 pieces of paper and Thomas used m pieces of paper. Together, they used 94 pieces of paper. How much paper did Thomas use?

$32 + m = 94$

$-32 \quad -32$

$m = 62$

Thomas used 62 pieces

Task Card #16

Write the equation and solve for the variable.

Each apple costs $1.50. The price of a apples is $15.00. How many apples did you buy?

$\frac{1.50a}{1.50} = \frac{15}{1.50}$

$a = 10$

Bought 10 apples