

(11)

$$-9(5 - 4v + 7v)$$

$$-9(5 + 3v)$$

$$-45 + -27v$$

$$\underline{-45 - 27v}$$

(12)

$$\overset{\text{red arc}}{-3(-2 + 9v)}$$

$$6 - 27v$$

$$\checkmark 6 + -27v$$

(13)

$$-9(1 + 6 + 6v)$$

$$\overset{\text{green arc}}{-9(7 + 6v)}$$

$$-63 - 54v$$

$$(18) 8(10 + 1v)$$

$$80 + 8v$$

$$(19) -3(6 - 10v + 5v) \quad \text{KCC}$$

$$\overset{\text{blue arc}}{-3(6 - 15v)}$$

$$-18 + 45v$$

Topic 41st half

$$\textcircled{1} \quad \underline{8x} + \underline{3x} + 2 = 24$$

$$11x + 2 = 24$$

$$\quad \quad \quad -2 \quad -2$$

$$11x = 22$$

$$\quad \quad \quad \div 11 \quad \div 11$$

$$x = 2$$

$$\textcircled{8} \quad \underline{5y} + 2y + 6 = 48$$

$$7y + 6 = 48$$

$$\quad \quad \quad -6 \quad -6$$

$$7y = 42$$

$$\quad \quad \quad \div 7 \quad \div 7$$

$$y = 6$$

2nd half

$$\textcircled{1} \quad x + 8(x+2) = 52$$

$$x + 8x + 16 = 52$$

$$9x + 16 = 52$$

$$\quad \quad \quad -16 \quad -16$$

$$9x = 36$$

$$\quad \quad \quad \div 9 \quad \div 9$$

$$x = 4$$

$$\textcircled{2} \quad 2y + 6(y+3) = 34$$

$$2y + 6y + 18 = 34$$

$$8y + 18 = 34$$

$$\quad \quad \quad -18 \quad -18$$

$$8y = 16$$

$$\quad \quad \quad \div 8 \quad \div 8$$

$$y = 2$$