

A

PREVIOUS
ANSWER: -1

$$X + 34 - 15 = 35$$

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B

PREVIOUS
ANSWER: 50

$$7(b - 4) - 6b = -10$$

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C

PREVIOUS
ANSWER: 32

$$7(x - 1) - 6x = 6(x + 4) - 6(x - 4)$$

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D

PREVIOUS
ANSWER: 8

$$-(9x + 5) + 2(4x + 3) - 12 = -(x + 4) - (-x + 6)$$

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E

PREVIOUS
ANSWER: 13

$$6f + 12 - 5f + 14 = 76$$

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F

PREVIOUS
ANSWER: 16

$$5(9x - 1) - 10(5x) + 6x = 24 - 3(2x - 9) + 6(x - 6)$$

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G

PREVIOUS
ANSWER: 18

$$10(h - 2.4) - 9h = 5.6$$

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H

PREVIOUS
ANSWER: 7

$$9(2x + 3) - 8(2x) - x = 33 - 4(x + 3) + 2(2x - 5)$$

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I

PREVIOUS
ANSWER: 168

$$9d + 6 - 8d + 39 = 55$$

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J

PREVIOUS
ANSWER: 29.6

$$13a - 2(6a - 3) + 12 = -14$$

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K

PREVIOUS
ANSWER: -32

$$-(b + 9) + 2b + 11 = 10$$

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L

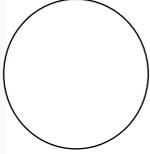
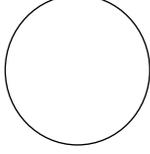
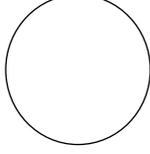
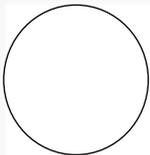
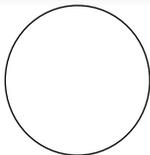
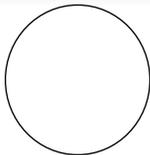
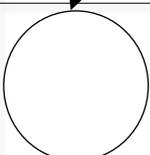
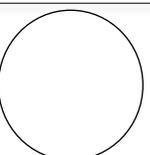
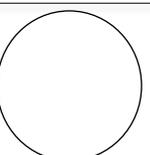
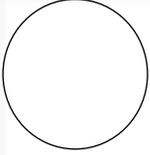
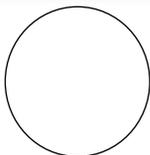
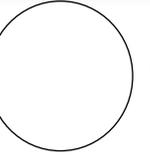
PREVIOUS
ANSWER: 38

$$X + 15 - 39 = 144$$

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SOOLVE EQUATIONS BY SIMPLIFYING *Scavenger Hunt*

Directions: Start at any card. Write the card letter in the circle. Put any work and the answer in the box. Your answer will lead you to the next card. If you get back to your original card, you answered all questions correctly!

→	→	→
→	→	→
→	→	→
→	→	 This card should lead you back to the first card you did!

SOVE EQUATIONS BY SIMPLIFYING Scavenger Hunt

Directions: Start at any card. Write the card letter in the circle. Put any work and the answer in the box. Your answer will lead you to the next card. If you get back to your original card, you answered all questions correctly!

<p style="text-align: center;">A</p> <p>.....→</p> $\begin{aligned} X + 34 - 15 &= 35 \\ X + 19 &= 35 \\ - 19 &- 19 \end{aligned}$ $x = 16$	<p style="text-align: center;">F</p> <p>.....→</p> $\begin{aligned} 45x - 5 - 50x + 6x &= 24 - 6x + 27 + 6x - 24 \\ X - 5 &= 27 \\ + 5 &= + 5 \end{aligned}$ $x = 32$	<p style="text-align: center;">C</p> <p>.....→</p> $\begin{aligned} 7(x - 1) - 6x &= 6(x - 4) - 6(x - 4) \\ 7x - 7 - 6x &= 6x - 24 - 6x + 24 \\ X - 7 &= 0 \\ + 7 &+ 7 \end{aligned}$ $x = 7$
<p style="text-align: center;">H</p> <p>.....→</p> $\begin{aligned} 18x + 27 - 16x - x &= 33 - 4x - 12 + 4x - 10 \\ x - 27 &= 11 \\ + 27 &+ 27 \end{aligned}$ $x = 38$	<p style="text-align: center;">L</p> <p>.....→</p> $\begin{aligned} x + 15 - 39 &= 144 \\ x - 24 &= 144 \\ + 24 &+ 24 \end{aligned}$ $x = 168$	<p style="text-align: center;">I</p> <p>.....→</p> $\begin{aligned} 9d + 6 - 8d + 39 &= 55 \\ d + 42 &= 55 \\ d &= 13 \end{aligned}$
<p style="text-align: center;">E</p> <p>.....→</p> $\begin{aligned} 6f + 12 - 5f + 14 &= 76 \\ f + 26 &= 76 \\ f &= 50 \end{aligned}$	<p style="text-align: center;">B</p> <p>.....→</p> $\begin{aligned} 7(b - 4) - 6b &= -10 \\ 7b - 28 - 6b &= -10 \\ b - 28 &= -10 \\ b &= 18 \end{aligned}$	<p style="text-align: center;">G</p> <p>.....→</p> $\begin{aligned} 10(h - 2.4) - 9h &= 5.6 \\ 10h - 24 - 9h &= 5.6 \\ h - 24 &= 5.6 \\ h &= 29.6 \end{aligned}$
<p style="text-align: center;">J</p> <p>.....→</p> $\begin{aligned} 13a - 12a + 6 + 12 &= -14 \\ a + 18 &= -14 \\ a &= -32 \end{aligned}$	<p style="text-align: center;">K</p> <p>.....→</p> $\begin{aligned} -b - 9 + 2b + 11 &= 10 \\ 2 + b &= 10 \\ b &= 8 \end{aligned}$	<p style="text-align: center;">D</p> <p>This card should lead you back to the first card you did!</p> $\begin{aligned} -(9x + 5) + 2(4x + 3) - 12 &= -(x + 4) - (-x + 6) \\ -9x - 5 + 8x + 6 - 12 &= -x - 4 + x - 6 \\ -x - 11 &= -10 \\ -x &= 1 \\ X &= -1 \end{aligned}$