**Do Now:** Solve the equation

1.) $5x - 3 = 7$

$+3 \quad +3$

$\frac{5x}{5} = \frac{10}{5}$

$x = 2$

2.) $147 = 36 - z$

$-36 \quad -36$

$111 = -z$

$\frac{111}{-1} = \frac{-z}{-1}$

$-111 = z$

3.) $11 + \frac{m}{3} = 8$

$-11 \quad -11$

$\frac{1}{1}\cdot\frac{3}{1}\left(\frac{m}{3}\right) = (-3)\,3$

$m = -9$

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(35)

$-7 = 7 - 2r$

$-7 \quad -7$

$\frac{-14}{-2} = \frac{-2r}{-2}$

$7 = r$

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(38)

$2(m+3) = 18$

$2m + 6 = 18$ Use Distributive Property

$-6 \quad -6$ Subtract by 6

$\frac{2m}{2} = \frac{12}{2}$ Divide by 2

$m = 6$

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(40) $3(r)+3(1)$

$3(r+1) = 9$

$3r + 3 = 9$

$-3 \quad -3$

$\frac{3r}{3} = \frac{6}{3}$

$r = 2$

(41) $-1(z) + (-1)(11)$

$4 = -1(z+11)$

$4 = -z - 11$

$+11 \quad +11$

$\frac{15}{-1} = \frac{-z}{-1}$

$-15 = z$

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(42) $6(\frac{1}{3}) + 6(h)$

$6\left(\frac{1}{3} + h\right) = 20$

$2 + 6h = 20$

$-2 \quad -2$

$\frac{6h}{6} = \frac{18}{6}$

$h = 3$

$\frac{6}{1}\left(\frac{1}{3}\right)$

$\frac{6}{3} = 2$

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(44) Challenge

$-5(3) - (-5)(z)$ $\quad 1(z) - 1(9)$

$-5(3-z) + 1(z-9) = 0$

$-15 - (-5z) + z - 9 = 0$

$-15 + 5z + z - 9 = 0$

$6z - 24 = 0$

$+24 \quad +24$

$\frac{6z}{6} = \frac{24}{6}$

$z = 4$

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"Don't blame the sea if you cannot catch a fish."

Working individually or with a partner, complete the workbook.

**Workbook**
**pg. 35 #15-31 all**


Oct 21-2:19 PM