Sum ‘Em

**Algebra**

**Unit 5 Line Master 4a**

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| Set 1: Sum = 4.5  |
| $$-2(x+1) = 4$$ | $$2(x+1) = 4$$ |
| $$12 = 6(x-1)$$ | $$-3(2-x) – x= 1$$ |

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| Set 2: Sum = $4\frac{7}{10}$  |
| $$3(1-2n) + n = 2$$ | $$-2(3n-1) + 2n = 4$$ |
| $$4=6-2(n+1)$$ | $$3(n+2) = 21$$ |

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| Set 3: Sum = $-21\frac{2}{5}$  |
| $$2(p+1) = 3(p-1)$$ | $$–(3p+4)=5(2-p)$$ |
| $$4(2p-6)=3(3p+3)$$ | $$6\left(4-p\right)=2(p+2)$$ |

Sum ‘Em (cont’d)

**Algebra**

**Unit 5 Line Master 4b**

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| Set 4: Sum = $-4$  |
| $$3.6x-2(x+1.3)=9.7+2.9(x-2)$$ | $$4.3(2.1x-1.2)-5.67=3(5.9 -6.5x)$$ |
| $$-3(2.7 + 4.8x)=5.5-8(1.3x+5.7)$$ | $$-2.9(6.4 – 8.3x) – 4x=10(2x-1.912)$$ |

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| Set 5: Sum = $-13\frac{9}{12}$  |
| $$\frac{1}{4}x-\frac{3}{8}(x+16)=2+\frac{3}{4}(x+1)$$ | $$\frac{1}{2}​(3x+1)+7=\frac{3}{4}​(5x+6)$$ |
| $$\frac{4}{5}(x+2)-5x=-2(\frac{3}{8}x-7)+6$$ | $$\frac{3}{4}(4x-8)+\frac{1}{4}=5(2x-1\frac{1}{2})$$ |