Algebra I
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2)	-4	14)	$3mn$	26)	$2a + 3b$
4)	-10	16)	$-3cd$	28)	$8p - 9q$
6)	-1	18)	$4ac$	30)	$\frac{1}{2}n - \frac{39}{2}$
8)	25	20)	$6b - 13$	32)	$\frac{2}{5}w$
10)	$-3p$	22)	$-7g + 9h$	34)	1
12)	7	24)	$3n + 4p$		

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8) $2\frac{5}{9} + 7\frac{1}{8} + 8\frac{4}{9}$

$11 + 7\frac{1}{8}$

$18\frac{1}{8} = \frac{145}{8}$

10) $6(2x+3) - 3(7-3x)$

$12x + 18 - 21 + 9x$

$21x - 3$

12) $7 \cdot \left(\frac{1}{7}\right)$

7

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32) $-\frac{1}{20}\left(5z - 4w\right) - 6\left(-\frac{1}{30}w - \frac{1}{24}z\right)$

If you can't divide by the bottom, just multiply the top

$-\frac{5}{20}z + \frac{4}{20}w + \frac{6}{30}w + \frac{6}{24}z$

Then reduce each term.

$-\frac{1}{4}z + \frac{1}{5}w + \frac{1}{5}w + \frac{1}{4}z$

$\frac{2}{5}w$

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30) $-5\left(4 - \frac{1}{2}n\right) + \frac{1}{16}\left(-32n + 8\right)$

$-20 + \frac{5}{2}n - 2n + \frac{8}{16}$

$-20 + \frac{5}{2}n - 2n + \frac{1}{2}$

$-19\frac{1}{2} + \frac{1}{2}n$

Rewrite so the variable term is in the front.

$\frac{1}{2}n - \frac{39}{2}$

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34) $3s + \left(-\frac{1}{2}\right)\left[6 + 24\left(-\frac{1}{3} + \frac{1}{4}s\right)\right]$ *Divide by the bottom, multiply by the top!*

$3s + \left(-\frac{1}{2}\right)\left[6 - 8 + 6s\right]$

$3s + \left(-\frac{1}{2}\right)\left[-2 + 6s\right]$

$3s + 1 - 3s$

1

6) $-63\left(-\frac{1}{3}\right)\left(-\frac{1}{21}\right)$

$-63\left(\frac{1}{63}\right)$

-1