

Write here -->	Student's Full Name	Student's Grade	Today's Date	SOL Subject	SOL Grade	SOL Year on Web
	Darsh Menta	6th	May 23	Math	7th	2008
Question #	Answers			Question #	Answers	
1	D			26	G	
2	H			27	A	
3	B			28	J	
4	G			29	A	
5	D			30	F	
6	G			31	B	
7	C			32	J	
8	J			33	C	
9	A			34	H	
10	G			35	A	
11	B			36	H	
12	H			37	B	
13	A			38	J	
14	F			39	C	
15	B			40	J	
16	G			41	B	
17	C			42	J	
18	G			43	D	
19	D			44	F	
20	H			45	A	
21	A			46	H	
22	H			47	A	
23	B			48	G	
24	H			49	C	
25	D			50	F	

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Incorrect Question #	Why is my answer incorrect			Why is this the correct answer		
40	Wrong phrasing			r, it is describing expression		
41	that would leave out numbers			A, $3 + 5 > 7$ $3 > 2$		

Darsh

1.)  $30x + 3$

2.)  $\frac{3}{4}(x - 4)$

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1.)  $x - 25\%$

$(\frac{25}{100} \times x) - x$

2.)  $10 + 5x + 7 + 3x$

$10 + (5x + 3x) + 7$

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1.)  $M = 3(3.20) + 4(0.75) + 2(4.50) = 21.60$

$B = 2(3.20) + 3(0.75) + 1(4.50) = 13.15$

$$\begin{array}{r} 21.60 \\ + 13.15 \\ \hline \$34.75 \end{array}$$

2.  $(3(3.20) \times 0.25) + 4(0.25) + 2(4.50) = 12.40$   
 $(2(3.20) \times 0.25) + 3(0.25) + 1(4.50) = 6.85$

$$\begin{array}{r} 12.40 \\ + 6.85 \\ \hline \$19.25 \end{array}$$

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$$\rightarrow \frac{(x+2)2}{2} = \frac{6}{2}$$

$$x+2=3$$

$x=1$  cup originally

$$2.) 3n-5=25$$

$$+5 \quad +5$$

$$\frac{3n}{3} = \frac{30}{3}$$

$$n = \textcircled{10}$$

$$2. \frac{7}{4}x = 91$$

$$\frac{4}{7} \cdot \frac{7}{4}x = \frac{91}{1} \times \frac{4}{7} \quad \frac{364}{7}$$

$$x = 52$$

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$$1.) \frac{50.25}{67} = \frac{x}{100} \quad \frac{5025}{67} = \frac{107x}{100} \quad \frac{21.25}{15.50} \quad \frac{36.75}{36.75}$$

$$67(1-x) = 50.25$$

$$67 - 67x = 50.25$$

$$-67$$

$$-67$$

$$-67x = -16.75$$

$$+67$$

$$+67$$

$$\frac{16.75}{67} = \frac{x}{100}$$

$$\frac{1675}{67} = \frac{67x}{67}$$

$$x = \textcircled{25}$$

$$\begin{array}{r} 36.75 \\ \times 4 \\ \hline 147.00 \\ \times 5 \\ \hline 183.75 \end{array}$$

$$1.) 3(20-3) + 100 > 23$$
$$-69 + 100 > 23$$

$$31 > 23$$

(yes)

$$2.) 1.25(100+10) \leq 140.75$$

$$1.25 \cdot 110 \leq 140.75$$
$$\begin{array}{r} \times 110 \\ 1.25 \\ \hline 155.00 \end{array}$$
$$155 \not\leq 140.75$$

(no)

$$155.00$$

$$35 + 69 < 149$$
$$-35 \quad -35$$

$$69 < \frac{114}{6}$$

$$69 < 19$$

$$3xy - 5z + 2$$

$$3 \cdot 2 \cdot (-1) - 5 \cdot 3 + 2$$

$$-6 - 15 + 2$$

$$-21 + 2$$

$$\boxed{-19}$$

$$\frac{4(a-2)}{4} + \frac{3(5-a)}{4} = \frac{12}{4}$$

$$\frac{(a-2)}{1} + \frac{3(5-a)}{4} = \frac{3}{1}$$

$$(7 \cdot (-1)^2) + 6 + 4 + (3 \cdot (-1)^2)$$

$$21 + 6 + 4 = 31$$