

Algebra 2-Self Test Answers

1) $3w$

2) $\frac{24v + 468}{7}$

3) $-5h - 8$

4) $7k + 19$

5) $-r$

6) $\frac{7x + 7}{6}$

7) $-\frac{1}{3x}$

8) $7(20 - .02) = 140 - .14 = \139.86

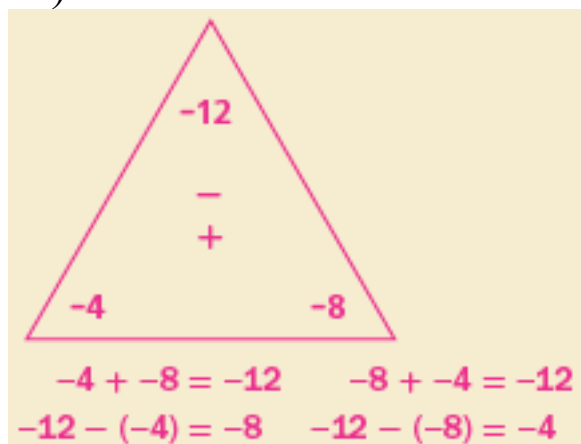
9) $x(x + 3 + 2)$ or $2x + x(x + 3)$

10) 24

11) $C = d \cdot \pi$; $d = \frac{C}{\pi}$; $\pi = \frac{C}{d}$

12) $d = \frac{C}{\pi}$

13)



14) $3p$

15) $-b - 2$

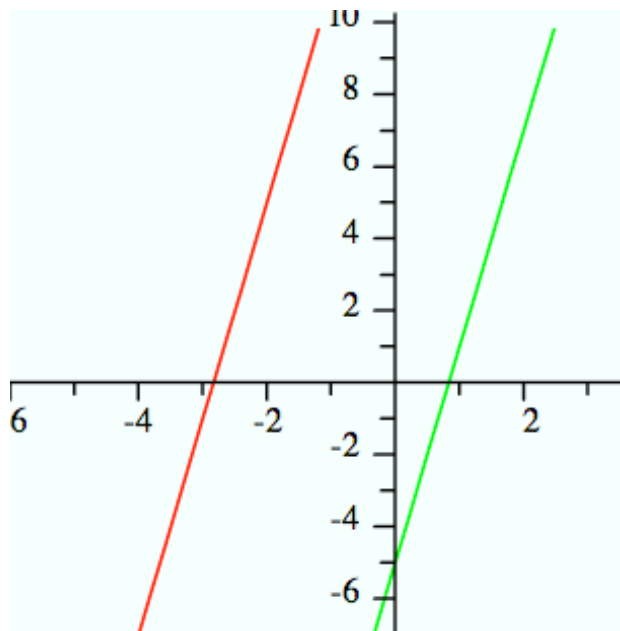
16) $-\frac{2}{5}$

17) $\frac{11d}{4}$

18) False. A negative number to an odd power is negative

19) n ; $10n$; $10n + 30$; $2n + 6$; $n + 6$; $n + 7$; n

20) They are not equivalent



21) Not equivalent. First goes to $6w+17$ & second is $6w-5$

22) Darryl \$150; Carol \$300; Beryl \$450; Errol \$600

23) Sample:

x	$2x + 1$	$ -2x + 1 $
-2	-3	3
-1	-1	1
0	1	1
1	3	3
2	5	5