

Take as often as you like.

- 1) Solve the equation, $5 + x = 10$, for the given variable.
10pts

Answer: $x =$ _____

- 2) Add: $1\frac{3}{4} + 3\frac{3}{4}$
10pts

- 3) Add 7.2 cm + 9.2 cm
10pts

_____ cm

- 4) Completely simplify the expression
10pts

$$6x - 2x - 9x$$

Answer = _____

- 5) Completely simplify the expression
10pts

$$-7x - 5 + 2x - 3$$

Answer = _____

- 6) Jalla's hourly wage is \$16.898. Round her salary to the nearest cent.
10pts

\$ _____

- 7) Solve $6(-x) - 3(-x) + 5 = 2 + 2(-x)$
10pts

$x =$ _____

- 8) Solve for x : $3(x+1) = 2x+6$
10pts

$x =$ _____

- 9) Enter $<$, $>$, or $=$ in the box below.
10pts

-7 _____ 3

- 10)
10pts

Stephen buys a bag of cookies that contains 8 chocolate chip cookies, 9 peanut butter cookies, 8 sugar cookies and 4 oatmeal cookies. What is the probability that Stephen randomly selects an oatmeal cookie from the bag?
Enter your answer as a percent

_____ %

11) On a test you scored 9 points out of 35 possible. What percent is that?
10pts

_____ %

(Do not enter the % sign)

12) Completely simplify the expression
10pts

$$1x - 3x + 10x$$

Answer = _____

13) The sales tax rate for the state of Washington was 5.2%.
10pts

What is the state sales tax on a \$2,700 car in Washington?

\$ _____

What is the final cost of the car, including tax?

\$ _____

14)
10pts

At noon in Alaska, the temperature is -11 . But as the sun goes down the temperature drops by 6 degrees. What is the temperature now?

temperature = _____ degrees

Key - Form 1

1. 5
2. $5\frac{1}{2}$
3. 16.4
4. $-5x$
5. $-5x-8$
6. 16.9
7. 3
8. 3
9. <
10. 13.7931034483
11. 25.7142857143
12. $8x$
13. 140.40 ~ 2,840.40
14. -17