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## Expression vs. Equation

An expression is a mathematical phrase that contains numbers, variables, or both. Expressions never have an equal sign.

$$
2 f+7
$$

An equation states that two expressions are equal. Equations always have an equal sign.

$$
2 f+7=31
$$

Expressions and equations are made of different parts. Take a closer look at each part of the expression below.


Directions: Draw a circle around each expression. Draw a rectangle around each equation.

Term: a part of an expression that is separated by + or -

$(6+9) \times 4$

$8 w-3 w=20$

$$
2 m+7 n=14 n-1
$$



$$
3=(2 p+7) \div 5
$$



Directions: Answer the questions about the following expressions.

| $10 x-y+3.5$ | $3 a+6+b$ |
| :--- | :--- |
| How many terms does the expression have? 3 | How many terms does the expression have? 3 |
| What is the coefficient of the first term? 10 | What are the variables?? and $b$ <br> What is the constant term? 3.5 |

