



1) Evaluate the expression $2m - r$ for $r = -1$ and $m = 6$.

$$\begin{aligned} &2(6) - (-1) \\ &12 + 1 = 13 \end{aligned}$$

2) Simplify: $3^5 + \sqrt{36} \cdot (5+4) \div 3 - 7$

$$\begin{aligned} &3^5 + \sqrt{36} \cdot 9 \div 3 - 7 \\ &243 + \sqrt{36} \cdot 9 \div 3 - 7 \\ &243 + \underline{6 \cdot 9} \div 3 - 7 \\ &243 + \underline{54} \div 3 - 7 \\ &243 + 18 - 7 \end{aligned}$$

Combining Like-Terms

Day 1



Vocabulary

~~variable~~ a letter that expresses a number

ex: m, x, r, y

~~constant~~ just a number
(no variable w/ it) ex: 3, 7

~~like terms~~ exact same variable(s) w/
exact same exponent(s)

~~coefficient~~ number w/ a variable

ex: $3x^2$
↖ coefficient

Place the terms in the appropriate column with the corresponding like terms

x	x²	CONSTANT
7x	2x ²	3
-11x	-x ²	0
-8x	-4x ²	-5
2x	3x ²	-1
x		

I can simplify expressions by combining like terms

Simplify each expression

1. $-6x + 7x + 13x$
 $(-6 + 7 + 13)x$
 $14x$

3. $3xy + 7x - 8xy + 9x$
 $-5xy + 16x$

2. $5x^2 - 9 - 7x^2 + 16$
 $-2x^2 + 7$

4. $8a^2 + 9a - 9a^2 - 17a$



WITH A PARTNER!

With your partner, complete & TURN IN the combining like-terms relay! [It is double sided!]

