I can interpret and analyze graphs.

- I can read and interpret a graph. Cookies
- I can read and interpret a graph. Cupcakes
- I can interpret and analyze a graph. Pancakes
- I can interpret and analyze a graph. Hours Worked

Success Beyond the Box
Teaching Materials
Thank you for purchasing this product. I made this product to help my high functioning students learn about graphs. If your students take the Alternate Assessment MSAA, then they need to be taught how to read, interpret, and analyze graphs. This product is the perfect solution to increase outcomes.

Included in this purchase are 4 different sets of interpreting and analyzing graphs. The sets are pancakes, cookies, cupcakes, and work hours. Each set has 10 problems and 1 bonus problem. I let my students make the decision on doing the bonus problem or not.

Print, laminate, and cut task cards. Print and laminate the answer keys. You can either keep the answer keys in an answer key book or you can put them with the task cards for student self-check. Print and cut the answer sheets. Put several answer sheet in the envelope with the task cards. I use 4 envelops so I can have several students working on the task cards.

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- Construction Task Cards
- Task Cards: Adding Sums Up to 10
Tom, Sara, and Jill want to share their cookies equally. How many cookies will each person get to have equal amounts?_______

Tom has 3 cookies. How many more cookies will Tom need to have the same amount of cookies as Sara?______ - 3____ = ____

Who has more cookies? Jill or Tom
Tom has 3 cookies. Jill has 2 cookies. How many do they have all together.

Tom has _____ cookies.
Jill has _____ cookies.
Sara has _____ cookies.

_______ + _______ = _______

Sara has 5 cookies. Jill has 2 cookies. How many do they have all together.

Tom has _____ cookies.
Jill has _____ cookies.
Sara has _____ cookies.

_______ + _______ = _______
Tom has 3 cookies. Jill has 2 cookies. How much more does Tom have than Jill?

Who has more cookies?

Tom Sara Jill

Sara has 5 cookies. Jill has 2 cookies. How much more does Sara have than Jill?

Who has the least amount of cookies?

Tom Sara Jill
I can interpret and analyze a graph.

Pancakes

How many pancakes did Ann eat? ______
How many pancakes did Jack eat? ______
How many pancakes did Jim eat? ______

Ann ate 4 pancakes. Jim ate 2 pancakes. How much did they eat all together.

4 + 2 = 6

Ann ate 4 pancakes. Jack ate 3 pancakes. How many did they eat all together.

4 + 3 = 7
Jim has 2 pancakes. Jack has 3 pancakes. How many do they have together.

\[ \text{Jim} + \text{Jack} = \text{Together} \]


\[ \text{Ann} - \text{Jack} = \text{More than Jack} \]

Read the graph.

Who ate the least amount of pancakes?

Jim

Jack

Ann
Ann has 4 pancakes. Jim has 2 cookies. How many do they have together?

___ + ___ = ___

Jack has 3 pancakes. Jim has 2 pancakes. How much more does Jack have than Jim?

___ - ___ = ___

Ann, Jim, and Jack want to share their extra pancakes equally. How many pancakes will each person get to have equal amounts?

___

Who ate the least amount of pancakes? Jim or Jack?
I can interpret and analyze graphs.

Cupcakes

Read the graph.

Cupcakes

Circle who has more cupcakes?

Katie  Jake  Cody

Circle who has the least amount of cupcakes?

Katie  Jake  Cody
Katie has 3 pancakes. Cody has 4 cupcakes. How many do they have together.

\[ \text{_______} + \text{_______} = \text{_______} \]

Cody has 4 cupcakes. Jake has 7 cupcakes. How many do they have all together.

\[ \text{_______} + \text{_______} = \text{_______} \]

Who made more cupcakes? Cody or Katie

Katie has 3 cupcakes. Jake has 7 cupcakes. How many do they have all together.

\[ \text{_______} + \text{_______} = \text{_______} \]

Who made more cupcakes? Cody or Katie
Jake, Cody, and Katie want to share their cupcakes equally with each other.

How many cupcakes will each person get to have equal amounts?

Bonuses

Jake has 7 cupcakes. Cody has 4 cupcakes. How much more does Jake have than Cody?

Cody has 4 cupcakes. Katie has 3 cupcakes. How much more does Cody have than Katie?

Jake has 7 cupcakes. Katie has 3 cupcakes. How much more does Jake have than Katie?
I can interpret and analyze a graph.

Hours Worked

Read the graph.

Circle who worked more hours?

Joe
Amy
Sam

Read the graph.

Circle who worked the least amount of hours?

Joe
Amy
Sam
Joe worked 6 hours. Sam worked 4 hours. How many hours did Joe and Sam work altogether?

<table>
<thead>
<tr>
<th>Hours Worked</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
</tr>
<tr>
<td>Sam</td>
</tr>
</tbody>
</table>

_______  +  _______ =  _______  (4)

Joe worked 6 hours. Sam worked 4 hours. How many more hours did Joe work than Sam?

_______  -  _______ =  _______  (6)

Sam worked 4 hours. Amy worked 2 hours. How many hours did Sam and Amy work altogether?

_______  +  _______ =  _______  (5)

Joe worked 6 hours. Amy worked 2 hours. How many more hours did Joe work than Amy?

_______  -  _______ =  _______  (7)
Sam worked 4 hours. Amy worked 2 hours. How many more hours did Sam work than Amy?

\[ \text{Number of hours} \]

\[ \_ - \_ = \_ \]

Joe worked 7 hours. Sam worked 4 hours. How many more hours did Joe work than Sam?

\[ \text{Number of hours} \]

\[ \_ - \_ = \_ \]

What is the average hours worked?

\[ \frac{\_ + \_ + \_}{3} = \_ \]

Who worked more hours?

Sam or Amy

\[ \text{Number of hours} \]

\[ \text{Number of hours} \]

\[ \_ \]
Answer Key: Cookies
1. 3
2. 2
3. Tom
4. $3 + 2 = 5$
5. $5 + 2 = 7$
6. $3 + 5 = 8$
7. Tom 3, Jill 2, Sara 5
8. $3 - 2 = 1$
9. Sara
10. Jill
11. $5 - 2 = 3$

Answer Key: Cupcakes
1. Cody 4, Katie 3, Jake 7
2. Jake
3. Katie
4. $3 + 4 = 7$
5. Cody
6. $4 + 7 = 11$
7. $3 + 7 = 10$
8. 5
9. $7 - 3 = 4$
10. $7 - 4 = 3$
11. $4 - 3 = 1$

Answer Key: Pancakes
1. Ann 4, Jack 3, Jim 2
2. $4 + 2 = 6$
3. $4 + 3 = 7$
4. $2 + 3 = 5$
5. Ann
6. $4 - 3 = 1$
7. Jim
8. $4 - 2 = 2$
9. $3 - 2 = 2$
10. 4
11. Jim

Answer Key: Hours Worked
1. Sam 5, Joe 6, Amy 2
2. Joe
3. Amy
4. $6 + 2 = 8$
5. $4 + 2 = 6$
6. $6 + 4 = 10$
7. $6 - 2 = 4$
8. $4 - 2 = 2$
9. $7 - 4 = 3$
10. $4 + 6 + 2 = 12 ÷ 3 = 4$
11. Sam