



Subtracting Whole Numbers

Engage – Answer Key

Party Time

1. Janie is having a party. She invited 5 friends from her class, 3 friends from her neighborhood and 12 friends from her day care. How many friends did she invite to her party?

<p>What is the problem asking you to do?</p>	<p>Will the answer be larger or smaller than the information in the problem?</p>
<p>I have to find how many friends she invited to her party.</p>	<p>The answer is larger.</p>
<p>What operation will I use? Show your work here.</p>	<p>Write your answer in a complete sentence.</p>
<p>Addition</p> $ \begin{array}{r} 5 \text{ friends} \\ 3 \text{ friends} \\ + 12 \text{ friends} \\ \hline 20 \text{ friends} \end{array} $	<p>She invited 20 friends to her party.</p>

2. Janie is baking cookies for her party. She wants to bake 40 cookies. She has already made 15 cookies. How many more cookies does she need to bake?

<p>What is the problem asking you to do?</p>	<p>Will the answer be larger or smaller than the information in the problem?</p>
<p>I have to find how many additional cookies she needs to bake.</p>	<p>The answer will be smaller.</p>
<p>What operation will I use? Show your work here.</p>	<p>Write your answer in a complete sentence.</p>
<p>Subtraction</p> $ \begin{array}{r} 40 \text{ cookies} \\ - 15 \text{ cookies} \\ \hline 25 \text{ cookies} \end{array} $	<p>Janie needs 25 more cookies.</p>

3. Janie made a list of items she still needs for her party. Her list is below.

- | |
|--|
| 12 party hats
19 treat bags
25 party plates
36 party cups
32 napkins |
|--|

How many plates and napkins does she need to buy?

What is the problem asking you to do?	Will the answer be larger or smaller than the information in the problem?
I have to find how many napkins and plates she needs to buy.	larger
What operation will I use? Show your work here.	Write your answer in a complete sentence.
Addition 25 plates <u>+ 32 napkins</u> 57	She needs to buy 57 napkins and plates.

4. Jake is going to Janie’s party. He wants to inflate thirty-one balloons for her party. He already has blown up 8 balloons, how many more does he need to inflate?

<p>What is the problem asking you to do?</p>	<p>Will the answer be larger or smaller than the information in the problem?</p>
<p>I have to find how many more balloons Jake needs to blow up.</p>	<p>smaller</p>
<p>What operation will I use? Show your work here.</p>	<p>Write your answer in a complete sentence.</p>
<p>Subtract</p> <p>$31 - 8 = 23$</p>	<p>He needs to blow up 23 more balloons.</p>