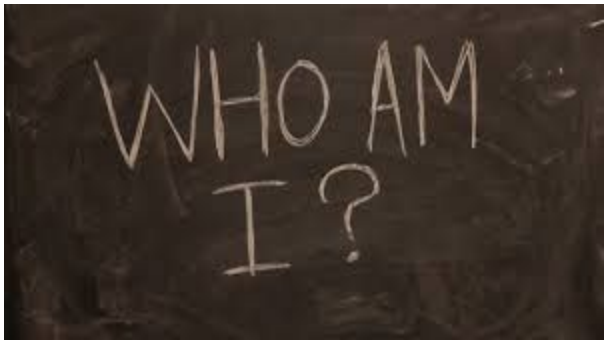
Gifted @ Home

Grade Five

May 11 - May 15, 2020

THINK	 ***"Who Am I?"*** ***See if you can reason your way through this challenge:*** ***https://documentcloud.adobe.com/link/track?uri=urn:aaid:scds:US:a9012259-2e5a-4db0-9edc-2514253a003f***

PLAY	**24 Game** *Click on the link below to "24 Game". It's tricky! Should keep you busy :)* https://documentcloud.adobe.com/link/track/?uri=urn%3Aaaid%3Ascds%3AUS%3A90d07e9a-3a7e-46db-b869-547ad2a4b377&pageNum=1
SOLVE	***Can You Walk Through Paper?***  *Would you believe me if I told you that you could fit your entire body through an index card? Don't believe me? Try it for yourself! Click on the link below:* https://www.stevespanglerscience.com/lab/experiments/step-index-card/

CREATE	100 SILLY DRAWING PROMPTS **Click on the link below to discover 100 silly ideas for drawing. If you** ***https://documentcloud.adobe.com/link/track?uri=urn:aaid:scds:US:746c6dee-750d-4cfb-9aa0-4fd377f70885***
WONDER	***If you have Netflix at home...***  **The "Who Was?" Show** **WATCH: Episode 104 - Amelia Earhart and Isaac Newton** Create a list of "firsts" that Amelia Earhart accomplished. Research one of Newton's major scientific accomplishments.

EXPLORE	 ***Quick Draw With Google*** **Click on the link below to explore:** ***https://quickdraw.withgoogle.com/***

Answer Key Who Am I?

1. 27
2. 83
3. 390
4. 4086
5. 7591

Answer Key 24 Game

Calculations:

These are some possible solutions, although there may be others.

Game 1:

1 – 5 – 7 – 8 is (7 + 1) x (8 – 5);
4 – 5 – 7 – 8 is (8 + 4) x (7 – 5) or (5 + 8 + 7 + 4) ;
1 – 6 – 8 – 9 is (1 + 9 + 6 + 8) or (9 – 6) x (8 ÷ 1);
1 – 6 – 8 – 8 is [(8 + 1) – 6] x 8.

Game 2:

1 – 2 – 2 – 7 is (2 + 2) x (7 – 1);
1 – 2 – 6 – 7 is (1 + 7) x (6 ÷ 2);
1 – 1 – 2 – 9 is (9 – 1) x (2 + 1);
1 – 2 – 5 – 6 is (1 + 5) x (6 – 2).

Clue 1:

Jerry and Paul could have been the ones with 1, 2, and 6 (1 – 2 – 6 – 7 and 1 – 2 – 5 – 6) or 1, 2, and 7 (1 – 2 – 2 – 7 and 1 – 2 – 6 – 7). They could not have had 1 – 1 – 2 – 9 (no others have 1, 2, and 9).

Clue 2: Common numbers are 5, 7, and 8 (1 – 5 – 7 – 8 and 4 – 5 – 7 – 8) or 1, 6, and 8 (1 – 6 – 8 – 9 and 1 – 6 – 8 – 8). Because

Tamara and Collene did not have 1 – 5 – 7 – 8, they also did not have 4 – 5 – 7 – 8. They had 1 – 6 – 8 – 9 and 1 – 6 – 8 – 8, so Jerry and Paul cannot have had 1 – 6 – 8 – 9 and 1 – 6 – 8 – 8.

Clue 3: Only 1 + 2 + 2 + 7 = 12, so those were Collene's Game 2 numbers. Then 1 – 1 – 2 – 9 were Tamara's (only one).

Clue 4: The only numbers in Game 1 that add up to 24 are 4 – 5 – 7 – 8 and 1 – 6 – 8 – 9. Paul did not get 1 – 6 – 8 – 9 [2], so his numbers were 4 – 5 – 7 – 8. Then Jerry got 1 – 5 – 7 – 8 (only one).

Clue 5: Collene used 1 – 2 – 2 – 7 (not 1 – 2 – 5 – 6) in Game 2 [3], so Paul must have used 1 – 2 – 5 – 6; then Jerry got 1 – 2 – 6 – 7 (only one).

Clue 6: Tamara and Jerry did not add to get 8 x 3 in Game 1, so Collene and Paul added [3]. Collene has 1 + 6 + 8 + 9. Then Tamara has 1 – 6 – 8 – 8 (only one).

Answers: Collene, 1 – 6 – 8 – 9 and 1 – 2 – 2 – 7; Jerry, 1 – 5 – 7 – 8 and 1 – 2 – 6 – 7; Paul, 4 – 5 – 7 – 8 and 1 – 2 – 5 – 6; Tamara, 1 – 6 – 8 – 8 and 1 – 1 – 2 – 9.