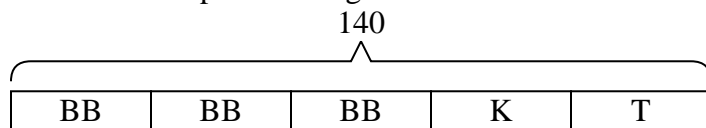**Solve each problem using a tape diagram.**

1) Tiffany went shopping on Black Friday. She spent $140 total. $\frac{3}{5}$ of what she spent was at Best Buy. She spent $\frac{1}{2}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?

1. _____

2. _____

3. _____

4. _____

2) At the school carnival $\frac{1}{5}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{4}$ is spent on food. If $470 are spent each day at the carnival, how much is not spent on games or food?

5. _____

3) On Sam's phone he has 675 songs. $\frac{6}{9}$ of the songs are alternative. $\frac{1}{3}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?

4) On Olivia's phone $\frac{4}{6}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{2}$ were of her cat. If she has 156 pictures on her phone, how many are not of her cat or selfies?

5) At Faye's Ice Cream Emporium they sold 693 ice cream cones in a day. $\frac{6}{9}$ of them sold were chocolate. $\frac{1}{3}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?

Math   www.CommonCoreSheets.com

1-5 | 80 | 60 | 40 | 20 | 0 |
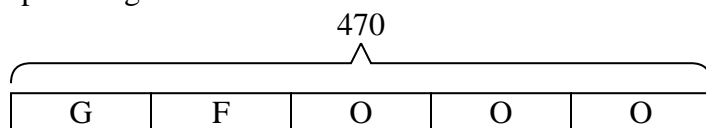
Fractions With Tape Diagram

Name: **Answer Key**

Solve each problem using a tape diagram.

1) Tiffany went shopping on Black Friday. She spent $140 total. $\frac{3}{5}$ of what she spent was at Best Buy. She spent $\frac{1}{2}$ of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?
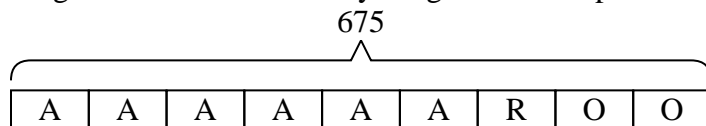
140

| BB | BB | BB | K | T |

T = Target
BB = Best Buy
K = Kohls

1. **28**

2) At the school carnival $\frac{1}{5}$ of the money spent is spent on games. Of what is not spent on games, $\frac{1}{4}$ is spent on food. If $470 are spent each day at the carnival, how much is not spent on games or food?
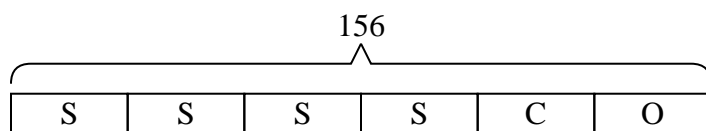
470

| G | F | O | O | O |

O = Other
G = Games
F = Food

2. **282**

3) On Sam's phone he has 675 songs. $\frac{6}{9}$ of the songs are alternative. $\frac{1}{3}$ of the rest of the songs were rock. How many songs are on his phone that aren't rock or alternative?
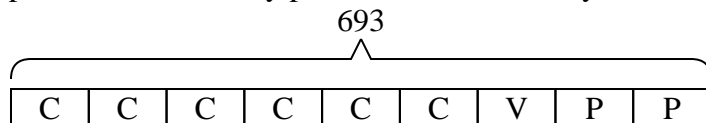
675

| A | A | A | A | A | A | R | O | O |

O = Other
A = Alternative
R = Rock

3. **150**

4) On Olivia's phone $\frac{4}{6}$ of the pictures were selfies. Of the other pictures on her phone $\frac{1}{2}$ were of her cat. If she has 156 pictures on her phone, how many are not of her cat or selfies?

156

| S | S | S | S | C | O |

O = Other
S = Selfies
C = Cat

4. **26**

5) At Faye's Ice Cream Emporium they sold 693 ice cream cones in a day. $\frac{6}{9}$ of them sold were chocolate. $\frac{1}{3}$ of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?

693

| C | C | C | C | C | C | V | P | P |

P = Pistachio
C = Chocolate
V = Vanilla

5. **154**

Math

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1-5 | 80 | 60 | 40 | 20 | 0 |