Solve each problem using a tape diagram.

1) At Gwen’s Ice Cream Emporium they sold 696 ice cream cones in a day. \( \frac{4}{8} \) of them sold were chocolate. \( \frac{3}{4} \) of the ones that weren’t chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?

2) A game store had 350 amiibo they were trying to sell. They sold \( \frac{3}{5} \) at normal price. Then they sold \( \frac{1}{2} \) of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

3) A pizzeria owner sold 414 pizzas on Friday. \( \frac{4}{9} \) of all the pizzas sold were pepperoni. \( \frac{1}{5} \) of the rest sold were cheese. How many pizzas did he sell that weren’t pepperoni or cheese?

4) At the school carnival \( \frac{2}{7} \) of the money spent is spent on games. Of what is not spent on games, \( \frac{1}{5} \) is spent on food. If $147 are spent each day at the carnival, how much is not spent on games or food?

5) Lana went shopping on Black Friday. She spent $408 total. \( \frac{2}{8} \) of what she spent was at Best Buy. She spent \( \frac{3}{6} \) of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?
1) At Gwen's Ice Cream Emporium they sold 696 ice cream cones in a day. \(\frac{4}{8}\) of them sold were chocolate. \(\frac{3}{4}\) of the ones that weren't chocolate were vanilla. And the remaining were pistachio. How many pistachio cones did they sell?

\[
\begin{array}{cccccccc}
\text{C} & \text{C} & \text{C} & \text{C} & \text{V} & \text{V} & \text{V} & \text{P} \\
696 & & & & & & & \\
\end{array}
\]

\(P = \text{Pistachio}\)

\(C = \text{Chocolate}\)

\(V = \text{Vanilla}\)

2) A game store had 350 amiibo they were trying to sell. They sold \(\frac{3}{5}\) at normal price. Then they sold \(\frac{1}{2}\) of the ones that were left at a discount. How many amiibo did they have left after selling the discount ones?

\[
\begin{array}{ccccccc}
\text{NP} & \text{NP} & \text{NP} & \text{D} & \text{L} & \\
350 & & & & & \\
\end{array}
\]

\(L = \text{Left}\)

\(NP = \text{normal}\)

\(D = \text{Discount}\)

3) A pizzeria owner sold 414 pizzas on Friday. \(\frac{4}{9}\) of all the pizzas sold were pepperoni. \(\frac{1}{5}\) of the rest sold were cheese. How many pizzas did he sell that weren't pepperoni or cheese?

\[
\begin{array}{cccccccc}
\text{P} & \text{P} & \text{P} & \text{P} & \text{C} & \text{O} & \text{O} & \text{O}
\end{array}
\]

\(O = \text{Other}\)

\(P = \text{Pepperoni}\)

\(C = \text{Cheese}\)

4) At the school carnival \(\frac{2}{7}\) of the money spent is spent on games. Of what is not spent on games, \(\frac{1}{5}\) is spent on food. If $147 are spent each day at the carnival, how much is not spent on games or food?

\[
\begin{array}{cccccccc}
\text{G} & \text{G} & \text{F} & \text{O} & \text{O} & \text{O} & \text{O}
\end{array}
\]

\(O = \text{Other}\)

\(G = \text{Games}\)

\(F = \text{Food}\)

5) Lana went shopping on Black Friday. She spent $408 total. \(\frac{2}{8}\) of what she spent was at Best Buy. She spent \(\frac{3}{6}\) of what was left at Kohls and the rest she spent at Target. How much did she spend at Target?

\[
\begin{array}{cccccccc}
\text{BB} & \text{BB} & \text{K} & \text{K} & \text{K} & \text{T} & \text{T} & \text{T}
\end{array}
\]

\(T = \text{Target}\)

\(BB = \text{Best Buy}\)

\(K = \text{Kohls}\)