DIRECTIONS: Write a two step equation to go with each word problem. Then solve the equation.

1. Sumalee won 40 super bouncy balls playing horseshoes at her school’s game night. Later, she gave two to each of her friends. She only has 8 remaining. How many friends did she share with?

2. Aliyah had $24 to spend on seven pencils. After buying them she had $10. How much did each pencil cost?

3. Brandon and his family went to the movies. They spent some money on 4 tickets, and $50 on snacks. The total cost for the night was $90. How much did each ticket cost?

4. A plumber charges $30 per hour plus the cost of the parts used. The total bill for a recent job was $155. If the parts for the job cost $65, how many hours did the plumber work?

5. Your mom got a new text messaging plan for your phone. The service costs $70 a month, plus $0.10 per text. The bill for the first month was $105 dollars. How many texts did you send in the last month?

6. Tony went to the fair. He spent $13 on food, and bought two wristbands for rides. He spent a total of $63. How much was each wristband?

7. You are buying a new bike that costs $295. You make a down payment of $100. You can pay the remaining cost in three equal monthly payments. How much is each payment?

8. Sarah bought four shirts that all cost the same amount. She used a $20 gift card at the store. The total of the purchase was $89. How much was each shirt?

9. The new restaurant had 17 tables, each with an equal number of chairs. They also had 15 extra chairs in the back to use when they were busy. The total number of people the restaurant can serve at one time is 117. How many chairs are at each table?

10. Jose had 52 baseball cards to share with 6 friends. After giving some to each friend, he had 4 cards left over. How many cards did he give each friend?
DIRECTIONS: Write a two step equation to go with each word problem. Then solve the equation.

1. Sumalee won 40 super bouncy balls playing horseshoes at her school’s game night. Later, she gave two to each of her friends. She only has 8 remaining. How many friends did she share with?

\[ 2X + 8 = 40 \]
\[ X = 16 \]

2. Aliyah had $24 to spend on seven pencils. After buying them she had $10. How much did each pencil cost?

\[ 7X + 10 = 24 \]
\[ X = 2.00 \]

3. Brandon and his family went to the movies. They spent some money on 4 tickets, and $50 on snacks. The total cost for the night was $90. How much did each ticket cost?

\[ 4X + 50 = 90 \]
\[ X = 10.00 \]

4. A plumber charges $30 per hour plus the cost of the parts used. The total bill for a recent job was $155. If the parts for the job cost $65, how many hours did the plumber work?

\[ 30X + 65 = 155 \]
\[ X = 3 \]

5. Your mom got a new text messaging plan for your phone. The service costs $70 a month, plus $0.10 per text. The bill for the first month was $105 dollars. How many texts did you send in the last month?

\[ 0.10X + 70 = 105 \]
\[ X = 350 \]

6. Tony went to the fair. He spent $13 on food, and bought two wristbands for rides. He spent a total of $63. How much was each wristband?

\[ 2X + 13 = 63 \]
\[ X = 25 \]

7. You are buying a new bike that costs $295. You make a down payment of $100. You can pay the remaining cost in three equal monthly payments. How much is each payment?

\[ 3X + 100 = 295 \]
\[ X = 65 \]

8. Sarah bought four shirts that all cost the same amount. She used a $20 gift card at the store. The total of the purchase was $88. How much was each shirt?

\[ 4X + 20 = 88 \]
\[ X = 17 \]

9. The new restaurant had 17 tables, each with an equal number of chairs. They also had 15 extra chairs in the back to use when they were busy. The total number of people the restaurant can serve at one time is 151. How many chairs are at each table?

\[ 17X + 15 = 151 \]
\[ X = 8 \]

10. Jose had 52 baseball cards to share with 6 friends. After giving some to each friend, he had 4 cards left over. How many cards did he give each friend?

\[ 6X + 4 = 52 \]
\[ X = 8 \]