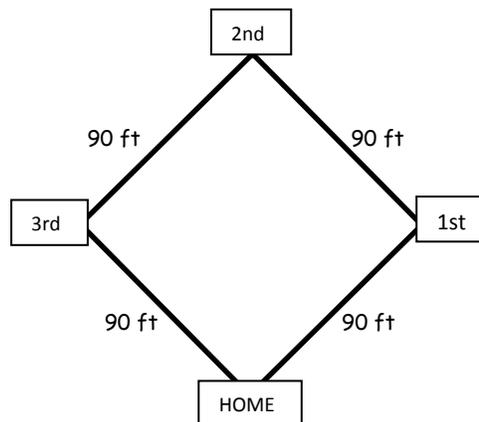


Name _____ Date _____

Volume 1 Supplemental Worksheet

There are several games going on today at the Alarcon Sports Arena. Let's drop in and take a look at some of the games.

1. Luke is up to bat. He swings, the ball goes flying, and he starts to run towards first base. The ball is still in flight, so he keeps on running to second base. The outfielders are scrambling to get the ball, so Luke sprints to third and then all the way to home plate. The crowd goes wild!! Each base is 90 feet apart. How far did Luke run? _____ Feet



2. On the next field in the Alarcon Sports Arena, a football game is in progress. The ball is thrown to Christian. He runs as fast as he can towards the end zone. The first 10 yards are easy; no one tries to stop him. He runs another 20 yards as the other players try to tackle him. He only has 15 yards left to go and then he will make a touchdown. The cheerleaders are cheering. The crowd is clapping and hollering. Christian does it! He makes the touchdown. How far did Christian run in total? _____ yards

3. The half time marching band at the Alarcon Sports Arena is incredible. They have 8 trumpet players, 6 saxophone players, 12 flutists, 7 drummers, 3 tuba players, 5 trombone players, a bass guitarist, and the two VIP players, Christian and Luke are each playing a guitar. How many members are in the Marching band? _____

4. Renee is baking dozens of sweet treats for the team members. One dozen equals twelve items. She has made 3 dozen peanut butter cookies, 4 dozen cupcakes, 2 dozen chocolate chip cookies, plus a dozen cakes. How many items did Renee make all together? _____ items.

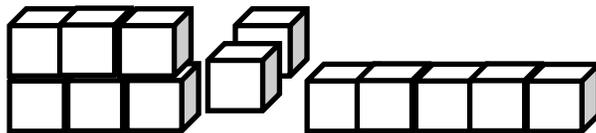
5. On the next field, the wrestlers are lined up before the match. There are four teams; Team A, B, C, and D. Each team has 8 wrestlers. After the first round, everyone from Team D lost. Six people lost from Team A and two from Team B. Everyone in Team C won.

How many people were in all 4 teams at the beginning of the match? _____

How many wrestlers from Team A won in Round 1? _____

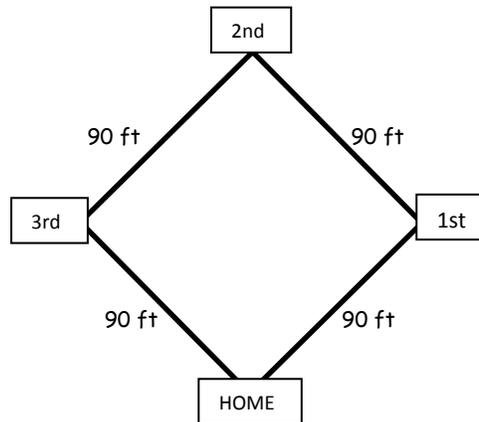
How many wrestlers will there be in Round 2? _____

6. After the games were over, Luke and Christian went home to relax and play video games. Luke started by building a wall using five blocks. He stacked five more in front of that wall, behind that wall, and on top of that wall. Christian built a fort with his blocks. He stacked three in front of him, three on both sides, and three blocks behind him. Then he built one more set, just like the first, right on top of the first layer. Which boy used the least amount of blocks? _____



ANSWERS: Volume 1 Supplemental Worksheet

1. Luke is up to bat. He swings, the ball goes flying, and he starts to run towards first base. The ball is still in flight, so he keeps on running to second base. The outfielders are scrambling to get the ball, so Luke sprints to third and then all the way to home plate. The crowd goes wild!! Each base is 90 feet apart. How far did Luke run? **360 Feet**



2. On the next field in the Alarcon Sports Arena, a football game is in progress. The ball is thrown to Christian. He runs as fast as he can towards the end zone. The first 10 yards are easy; no one tries to stop him. He runs another 20 yards as the other players try to tackle him. He only has 15 yards left to go and then he will make a touchdown. The cheerleaders are cheering. The crowd is clapping and hollering. Christian does it! He makes the touchdown. How far did Christian run in total? **45 yards**

3. The half time marching band at the Alarcon Sports Arena is incredible. They have 8 trumpet players, 6 saxophone players, 12 flutists, 7 drummers, 3 tuba players, 5 trombone players, a bass guitarist, and the two VIP players, Christian and Luke are each playing a guitar. How many members are in the Marching band? **44 Band members**

4. Renee is baking dozens of sweet treats for the team members. One dozen equals twelve items. She has made 3 dozen peanut butter cookies, 4 dozen cupcakes, 2 dozen chocolate chip cookies, plus a dozen cakes. How many items did Renee make all together?

120 items

5. On the next field, the wrestlers are lined up before the match. There are four teams; Team A, B, C, and D. Each team has 8 wrestlers. After the first round, everyone from Team D lost. Six people lost from Team A and two from Team B. Everyone in Team C won.

How many people were in all 4 teams at the beginning of the match? **32 people**

How many wrestlers from Team A won in Round 1? **2 wrestlers**

How many wrestlers will there be in Round 2? **16 wrestlers**

6. After the games were over, Luke and Christian went home to relax and play video games. Luke started his game by building a wall using five blocks. He stacked five more in front of that wall, behind that wall, and on top of that wall. Christian built a fort with his blocks. He stacked three in front of him, three on both sides, and three blocks behind him. Then he built one more set, just like the first, right on top of the first layer. Which boy used the least amount of blocks? **Luke**

Luke's wall: 4 rows of 5 blocks = 20 Blocks Christian's wall: 4 rows of 3 blocks x 2 = 24 blocks

