

Name: _____

Date: _____

AMARILLO SYMPHONY: CONCERTS FOR YOUNG PEOPLE

Developed by Pat Turner, WOWW Representative

2007 MATH FUN FACTS (SET 1)

1. Last year 1,424 people attended the Amarillo Symphony Youth Concert on Thursday. On Friday, 1,145 attended. How many fewer attended on Friday?
2. Last year 2,480 fifth graders attended the concert and 3,558 fourth graders attended. How many students in all attended?
3. The concert lasts for 45 minutes. The bus trip takes 30 minutes. What time do students need to leave school to get to the concert on time for the 1:00 p.m. symphony performance?
4. Last year there were 5,981 Amarillo area students attending the symphony concert. This year there are 6,543 attending. How many more students are attending this year than last year?
5. Last year 2,480 fifth graders attended the concert and 3,558 fourth graders attended. How many in all attended?
6. Bivins Elementary School has 115 students and 6 teachers going to the concert. Each bus holds 25 people. How many buses will be needed for Bivins students?
7. Robert E. Lee Elementary School has 107 students attending the concert and Lamar Elementary has 118 attending on January 9th at 9:30 a.m. Both schools have requested balcony seating. The balcony holds 291 people. Is there room for the two schools in the balcony?
8. Paramount Terrace Elementary School has requested seating the J-Z section of the auditorium. They have 89 students and 3 teachers attending the concert. Each row in the J-Z section has 20 seats. How many rows will be needed to seat Paramount students?
9. Will Rogers Elementary School has 225 students attending the concert. It lasts for 45 minutes and starts at 1:00 p.m. The bus trip back to school takes 30 minutes. What time will students arrive back to school?

Answers:

- | | | | |
|----|-------------------|----|--|
| 1. | 279 fewer people | 6. | 5 buses |
| 2. | 6,038 students | 7. | yes |
| 3. | 12:30 p.m. | 8. | 4 complete rows with 9 students in the fifth row |
| 4. | 562 more students | 9. | 2:15 p.m. |
| 5. | 6,038 students | | |

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2007 MATH FUN FACTS (Set 2)

1. The Amarillo Symphony Youth Concert was a tremendous success. The Globe-News Center for the Performing Arts concert hall has 1280 seats. The orchestra played to a full house for all 6 concerts. How many people in all attended the concerts?
2. Approximately one third of the students attending the youth concerts were from out of town or private schools. Approximately how many attendees were from Amarillo public school?
3. Look at the time line on p. 14 of the *Liberty* book. How many years passed between the date of the time Mr. Bartholdi got the idea for a statue and the date the arm and torch of the statue were sent to exhibit in Philadelphia?
4. In 1878 Liberty's head was exhibited in Paris, France. How much wider was her head than her mouth? Express your answer in inches.
5. How much longer is Liberty's nose than her eye? Express your answer in inches.
6. Express the length of her eye in inches.
7. How many years did it take to complete the Statue of Liberty from the year Bartholdi got the idea until the year she was dedicated?
8. Liberty's statue height is 151 feet. Her pedestal height is 89 feet. Her foundation height is 65 feet. What is the total height of the Statue of Liberty Monument?
9. Liberty's statue cost was \$600,000.00 The cost of the pedestal was \$270,000.00 What was the total cost of the Statue of Liberty Monument?

Answers:

- | | |
|--------------------------|-----------------|
| 1. 7,680 | 6. 30 inches |
| 2. 5,120 (from Amarillo) | 7. 19 years |
| 3. 11 years | 8. 305 feet |
| 4. 84 inches | 9. \$870,000.00 |
| 5. 24 inches | |