

# Challenge

## Time to Have Fun

The events at the Family Fun Festival are listed below.

Draw a line from each event to the time that the event ends.

Face painting begins at 10:00 A.M. and lasts for 6 hours.

• 2:00 P.M.

A bake sale will start at 11:30 A.M. and last for 5 hours.

• 3:30 P.M.

Lunch will be available for 2 hours starting at 12:00 P.M.

• 4:00 P.M.

A string quartet will perform at 1:00 P.M. for  $\frac{1}{2}$  hour.

• 5:00 P.M.

A play, "Cinderella," will begin at 2:00 P.M. and last for  $1\frac{1}{2}$  hours.

• 7:00 P.M.

A band will perform for 1 hour starting at 4:00 P.M.

• 4:30 P.M.

A barbeque will begin at 5:30 P.M. and will last for  $1\frac{1}{2}$  hours.

• 1:30 P.M.

**Extend It** The festival is in town for 3 days. It opens at 10:00 A.M. and ends after the  $\frac{1}{2}$  hour fireworks show that starts at 8:30 P.M. How many hours is it open altogether?

Show your work.

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| Lunch will be available for 2 hours starting at 12:00 P.M.                       | 4:00 P.M. |
| A string quartet will perform at 1:00 P.M. for $\frac{1}{2}$ hour.               | 5:00 P.M. |
| A play, "Cinderella," will begin at 2:00 P.M. and last for $1\frac{1}{2}$ hours. | 7:00 P.M. |
| A band will perform for 1 hour starting at 4:00 P.M.                             | 4:30 P.M. |
| A barbeque will begin at 5:30 P.M. and will last for $1\frac{1}{2}$ hours.       | 1:30 P.M. |

**Extend It** The festival is in town for 3 days. It opens at 10:00 A.M. and ends after the  $\frac{1}{2}$  hour fireworks show that starts at 8:30 P.M. How many hours is it open altogether?

Show your work.

**33 hours; 10 A.M. to 9:00 P.M. is 11 hours, so  $11 + 11 + 11 = 33$**