

Name: _____

Date: _____

Answers
Movie Theater Fractions
★ Mixed Word Problems ★



1. There are four movies showing at the movie theater. $\frac{2}{5}$ of the people bought tickets for the comedy, $\frac{1}{4}$ bought tickets for the horror movie, and $\frac{3}{10}$ bought tickets for the kids' movie. What fraction represents the number of people who bought tickets for the action movie?

$\frac{1}{20}$ of the people bought tickets for the action movie.

2. Jordan is watching the action movie. The movie is 96 minutes long and the previews are $\frac{1}{4}$ as long as the movie. If Jordan watches all the previews and the whole movie, how long will he be in the theater?

He will be in the theater for 120 minutes (or 2 hours).

3. There are 64 people at the movie theater today. $\frac{1}{2}$ of the people are eating popcorn, $\frac{3}{8}$ are eating chocolate candy, and the rest are eating licorice twists. How many people are eating licorice twists?

Eight people are eating licorice twists.

4. Becky is in charge of making popcorn at the movie theater. The popcorn machine uses $\frac{3}{4}$ cup of oil for each batch of popcorn. How many batches can Becky make if she has a bottle of oil that has 13 cups in it?

She can make $17\frac{1}{3}$ batches of popcorn.

5. Mikaela's friends brought a big box of crackers to the movie theater. 53 crackers are whole wheat and 29 crackers are cheese flavored. The remaining $\frac{1}{3}$ of the box contains sesame seed crackers. How many crackers are in the box altogether?

There are 123 crackers in the box.