

# Mental Math Strategies

**TAKS Objective 1**  
**TEKS 3.3A, 3.3B**

**Solve each problem by rounding to the nearest ten unless otherwise directed. Then add or subtract.**

**1.** It took student filmmakers 24 days to shoot a film and 28 days to edit it. Estimate how many days they worked on the film.

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**3.** The student film cost \$5,988 to make. The filmmakers then spent \$312 advertising and promoting the film. About how much did they spend? Round to the nearest hundred.

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**5.** The film ran 57 minutes. It was shown at the film festival 3 times. Estimate the total running time. Then find the exact time. Was your estimate reasonable?

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**2.** The students bought a video camera to shoot their film. It cost \$223. They could have rented one for \$187. Estimate how much more it cost to buy the camera.

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**4.** The student film was shown at a film festival. The festival was held 296 miles away from the filmmaker's hometown. They stopped after driving 186 miles to fill up their car with gas. Estimate how many miles they had left to go.

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**6.** The first performance of the film was attended by 127 people. The second drew 206 people. The last showing had an audience of 152. Estimate the total number of people who saw the film. Then find the exact number. Was your estimate reasonable?

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