

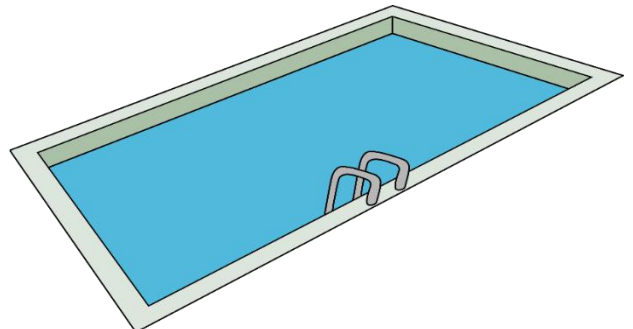


Mixed add / subtract / multiply / divide

Grade 3 Word Problems Worksheet

There is a swimming pool at the community centre. The capacity of the swimming pool is 60. For safety reason, the lifeguard does not allow more than 60 swimmers in the pool at the same time.

1. Every 15 swimmers in the pool will require one lifeguard on duty. What is the highest number of lifeguards on duty at the same time?
2. To allow the lifeguards to rotate their duties, the pool hired 6 more lifeguards than the highest number required to be on duty. Together with the manager and assistant manager for the pool, how many staff are there working at the pool?
3. There are two sets of uniforms for each lifeguard hired. How many sets of uniforms are there?





4. On Saturday afternoon, part of the pool is reserved for swimming classes. If there are 8 classes with 3 students in each class, how many more swimmers can be allowed in the pool?
5. There are 12 swimming classes going on every Sunday morning. What is the largest class size for each class if the class all have the same size and take up the whole pool?
6. Write the number sentence that fits this: "The admission of the pool is \$3 per person, and it costs a family of four \$12 to use the pool."



Answers

1. $60 \div 15 = 4$
The highest number of lifeguards on duty at the same time is 4.
2. $4 + 6 + 2 = 12$
There are 12 staff working at the pool.
3. $10 \times 2 = 20$
There are 20 sets of uniforms.
4. $3 \times 8 = 24$
There are 24 students in the classes.
 $60 - 24 = 36$
36 more swimmers can be allowed in the pool.
5. $60 \div 12 = 5$
The largest class size for each class is 5.
6. $4 \times 3 = 12$