Grade 4
Multiplication Word Problems
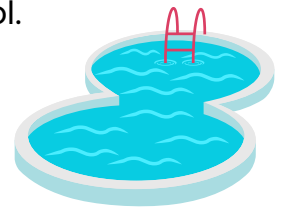
Spark Math

1 There's a spooky mansion in the dark forest with 18 floors. The lobby, restaurant, and swimming pool are on the first floor. The guestrooms are on the 2nd to 18th floors.

(a) There are 168 Phantom Guestrooms on each floor. How many guestrooms are there in total?

(b) Each Phantom Guestrooms can hold 3 guests. What is the maximum number of guests the mansion can hold?

(c) There are 13 sunbath chairs at the Haunt-a-Splash Pool. Each chair has a stack of pool towels on both sides. If each stack has 8 towels, how many pool towels are there in total?

(d) In the Cauldron Café, there are 17 rows of long tables. Each row has 4 tables, and each table has 6 chairs. How many chairs are there?

Spark Education

2 Abby and four friends went trick-or-treating. Each of them got $\dfrac{4}{5}$ of a bag of treats. How many bags of treats did they have in total?

3 A fairy has 6 bottles, and each bottle is $\dfrac{2}{3}$ filled with magic potion. If she pours all the potions together, how many full bottles can be filled up?

4 Grandma is making 10 dozen spooky snacks for Halloween. If each dozen needs $\dfrac{3}{4}$ cup of mixed nuts, how many cups of nuts does she need?

5 There are 15 children at a Halloween party. Each child will eat $\dfrac{3}{16}$ of a pizza. How many pizzas should the host order at least?