

Multiplication and Division

Math Words

- multiplication
- division



- × Use multiplication when you want to combine groups that are the same size.

Number of groups	Size of group	Number in all the groups	
28 teams	18 players on each team	<i>unknown</i>	<p>There are 28 youth soccer teams in our town, and there are 18 players on each team. How many players are there on all of the teams?</p> $28 \times 18 = \underline{504}$ <p>Answer: There are 504 players in all.</p>

- ÷ Use division when you want to separate a quantity into equal-sized groups.

Number of groups	Size of group	Number in all the groups	
28 teams	<i>unknown</i>	504 players	<p>There are 28 soccer teams in our town and 504 players altogether on all the teams. Each team has the same number of players. How many players are there on each team?</p> $504 \div 28 = \underline{18}$ <p>Answer: Each team has 18 players.</p>

Number of groups	Size of group	Number in all the groups	
<i>unknown</i>	18 players on each team	504 players	<p>There are 504 soccer players in our town, and there are 18 players on each team. How many teams are there?</p> $504 \div 18 = \underline{28}$ <p>Answer: There are 28 teams.</p>