Name:

Multiplying by 10 or 100

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| Question 1<br>There are 129 balls in each box.<br>How many balls in 10 boxes? | |
| Question 2<br>The stadium has 723 seats in each section.<br>If there are 100 sections, how many seats in the stadium? | |
| Question 3<br>Each crate weighs 73 kg.<br>What is the TOTAL weight of the truck's load that comprises of 100 crates? Answer in kilograms | |
| Question 4<br>A bus has a seating capacity of 58 passengers.<br>What is the maximum number of seated passengers 10 bus loads can carry? | |
| Question 5<br>Jack planted 73 rows of beans.<br>He planted 100 beans in each row.<br>How many beans did he plant? | |
| Question 6<br>To complete an order, a pipe manufacturing plant made 100 pipes a day for 43 days.<br>How many pipes were made in 43 days? | |
| Question 7<br>At the building site there are 83 stacks, with 100 bricks in each stack.<br>How many bricks are altogether at the site? | |
| Question 8<br>Drinks are packaged in groups of 64.<br>10 packages are delivered to a supermarket.<br>How many drinks did the supermarket receive? | |
| Question 9<br>Fred ran 10 laps of a 987 m track.<br>How far did he run? | |
| Question 10<br>A printer can print 360 pages per hour.<br>How many pages can it print in 10 hours? | |

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## Multiplying by 10 or 100 solutions

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|---|---|
| *Question 1*<br>*There are 129 balls in each box.*<br>*How many balls in 10 boxes?* | *Solution*<br>*To calculate how many balls are in 10 boxes, multiply the number of balls in one box by the number of boxes.*<br>*129 x 10 = 1290* |
| *Question 2*<br>*The stadium has 723 seats in each section.*<br>*If there are 100 sections, how many seats in the stadium?* | *Solution*<br>*To calculate the number of seats in the stadium, multiply the number of seats in each section by the number of sections.*<br>*723 x 100 = 72,300* |
| *Question 3*<br>*Each crate weighs 73 kg.*<br>*What is the TOTAL weight of the truck's load that comprises of 100 crates? Answer in kilograms.* | *Solution*<br>*To calculate the total weight of the truck's load, multiply the weight of each crate by the total number of crates.*<br>*73 x 100 = 7300* |
| *Question 4*<br>*A bus has a seating capacity of 58 passengers.*<br>*What is the maximum number of seated passengers 10 bus loads can carry?* | *Solution*<br>*To calculate the total number of seated passengers that 10 bus loads can carry, multiply the seating capacity of one bus by 10.*<br>*58 x 10 = 580* |
| *Question 5*<br>*Jack planted 73 rows of beans.*<br>*He planted 100 beans in each row.*<br>*How many beans did he plant?* | *Solution*<br>*To calculate the total number of beans that Jack planted, multiply the number of rows of beans he planted by the number of beans in each row.*<br>*73 x 100 = 7300* |
| *Question 6*<br>*To complete an order, a pipe manufacturing plant made 100 pipes a day for 43 days.*<br>*How many pipes were made in 43 days?* | *Solution*<br>*To calculate the number of pipes that were made in 43 days, multiply the number that were made in one day by the total number of days.*<br>*100 x 43 = 4300* |
| *Question 7*<br>*At the building site there are 83 stacks, with 100 bricks in each stack.*<br>*How many bricks are altogether at the site?* | *Solution*<br>*To calculate the number of bricks in total at the site, multiple the number of stacks by the number of bricks in each stack.*<br>*83 x 100 = 8300* |
| *Question 8*<br>*Drinks are packaged in groups of 64.*<br>*10 packages are delivered to a supermarket.*<br>*How many drinks did the supermarket receive?* | *Solution*<br>*To calculate the number of drinks that the supermarket received, multiply the number of drinks in a package by the total number of packages received.*<br>*64 x 10 = 640* |
| *Question 9*<br>*Fred ran 10 laps of a 987m track.*<br>*How far did he run?* | *Solution*<br>*To calculate how far Fred ran, multiply the number of laps he ran by the distance of each lap.*<br>*10 x 987 = 9870* |
| *Question 10*<br>*A printer can print 360 pages per hour.*<br>*How many pages can it print in 10 hours?* | *Solution*<br>*To calculate the total number of pages the printer can print in 10 hours, multiply the number of pages it can print in one hour by the total number of hours*<br>*360 x 10 = 3600* |

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