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| **Name:** | |
| *Multiplying by multiples of 10* | |
| *Question 1*<br>*Matilda saved $30 every week for 52 weeks.*<br>*How much did she save?* | |
| *Question 2*<br>*At the Schools Soccer Competition there are 40 teams entered.*<br>*Each team has 15 members.*<br>*How many people in the competition?* | |
| *Question 3*<br>*The pencils are sold in packets of 24.*<br>*Mrs Jade bought 60 packets, one for each child in year 6.*<br>*How many pencils in total?* | |
| *Question 4*<br>*Haley is a chef doing the catering for a party.*<br>*If there are 90 guests and she charges $32 a head, how much in total will she charge?* | |
| *Question 5*<br>*Mr Nate filled each container with 70 mL of water.*<br>*If he filled 38 containers, what is the total amount of water?* | |
| *Question 6*<br>*80 boxes are stacked onto a pallet.*<br>*19 pallets are delivered to the markets.*<br>*What is the total number of boxes delivered to the markets?* | |
| *Question 7*<br>*Joe the farmer was getting apples ready for market.*<br>*He has 37 boxes with 70 apples in a box.*<br>*How many apples in total?* | |
| *Question 8*<br>*Each child made 40 cupcakes for sale.*<br>*If there are 24 children, how many cupcakes were made?* | |
| *Question 9*<br>*Each of the 27 sections of a fence contains 30 palings.*<br>*How many palings were there altogether?* | |
| *Question 10*<br>*Louise planted 98 rows of lettuces.*<br>*She planted 90 lettuces in each row.*<br>*How many lettuces did she plant?* | |

## Multiplying by multiples of 10 solutions

| Question 1 | Solution |
|---|---|
| Matilda saved $30 every week for 52 weeks. How much did she save? | To calculate how much Matilda saved, multiply the amount she saved each week by the number of weeks. 52 x $30 = $1560 |
| Question 2 | Solution |
| At the Schools Soccer Competition there are 40 teams entered. Each team has 15 members. How many people in the competition? | To calculate the number of people in the competition, multiply the number of teams by the number of members in each team. 40 x 15 = 600 |
| Question 3 | Solution |
| The pencils are sold in packets of 24. Mrs Jade bought 60 packets, one for each child in year 6. How many pencils in total? | To calculate the number of pencils Mrs Jade bought, multiply the number of packets she bought by the number of number of pencils in each packet. 24 x 60 = 1440 |
| Question 4 | Solution |
| Haley is a chef doing the catering for a party. If there are 90 guests and she charges $32 a head, how much in total will she charge? | To calculate the amount Haley will charge, multiply the number of guests by the amount she will charge for each of them. 90 x $32 = $2880 |
| Question 5 | Solution |
| Mr Nate filled each container with 70 mL of water. If he filled 38 containers, what is the total amount of water? | To calculate the total amount of water, multiply how much water each container contains by the number of containers. 38 x 70 = 2660 |
| Question 6 | Solution |
| 80 boxes are stacked onto a pallet. 19 pallets are delivered to the markets. What is the total number of boxes delivered to the markets? | To calculate the total number of boxes delivered to the markets, multiply the number of boxes on each pallet by the number of pallets delivered to the markets. 19 x 80 = 1520 |
| Question 7 | Solution |
| Joe the farmer was getting apples ready for market. He has 37 boxes with 70 apples in a box. How many apples in total? | To calculate the total number of apples Joe was getting ready for market, multiply the number of boxes by the number of number of apples in each box. 37 x 70 = 2590 |
| Question 8 | Solution |
| Each child made 40 cupcakes for sale. If there are 24 children, how many cupcakes were made? | To calculate the number of cupcakes made by the children, multiply the number of cupcakes that each child made by the total number of children. 24 x 40 = 960 |
| Question 9 | Solution |
| Each of the 27 sections of a fence contains 30 palings. How many palings were there altogether? | To calculate the total number of palings used, multiply the number of sections by the number of palings in a section. 27 x 30 = 810 |
| Question 10 | Solution |
| Louise planted 98 rows of lettuces. She planted 90 lettuces in each row. How many lettuces did she plant? | To calculate the total number of lettuces Louise planted, multiply the number of rows she planted by the number of lettuces in each row. 98 x 90 = 8820 |