

Name:

Multiplying by multiples of 10

Question 1

*Matilda saved £15 every week for 52 weeks.
How much did she save?*

Question 2

*At the Schools Soccer Competition there are 40 teams entered.
Each team has 15 members.
How many people in the competition?*

Question 3

*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?*

Question 4

*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?*

Question 5

*Mr Nate filled each container with 70 mL of water.
If he filled 38 containers, what is the total amount of water?*

Question 6

*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?*

Question 7

*Joe the farmer was getting apples ready for market.
He has 37 boxes with 70 apples in a box.
How many apples in total?*

Question 8

*Each child made 40 cupcakes for sale.
If there are 24 children, how many cupcakes were made?*

Question 9

*Each of the 27 sections of a fence contains 30 palings.
How many palings were there altogether?*

Question 10

*Louise planted 98 rows of lettuces.
She planted 90 lettuces in each row.
How many lettuces did she plant?*

Multiplying by multiples of 10 solutions

<p>Question 1 Matilda saved £15 every week for 52 weeks. How much did she save?</p>	<p>Solution To calculate how much Matilda saved, multiply the amount she saved each week by the number of weeks.</p> $52 \times £15 = \text{£}780$
<p>Question 2 At the Schools Soccer Competition there are 40 teams entered. Each team has 15 members. How many people in the competition?</p>	<p>Solution To calculate the number of people in the competition, multiply the number of teams by the number of members in each team.</p> $40 \times 15 = 600$
<p>Question 3 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?</p>	<p>Solution 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.</p> $24 \times 60 = 1440$
<p>Question 4 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?</p>	<p>Solution To calculate the amount Haley will charge, multiply the number of guests by the amount she will charge for each of them.</p> $90 \times £32 = \text{£}2880$
<p>Question 5 Mr Nate filled each container with 70 mL of water. If he filled 38 containers, what is the total amount of water?</p>	<p>Solution To calculate the total amount of water, multiply how much water each container contains by the number of containers.</p> $38 \times 70 = 2660$
<p>Question 6 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?</p>	<p>Solution 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.</p> $19 \times 80 = 1520$
<p>Question 7 Joe the farmer was getting apples ready for market. He has 37 boxes with 70 apples in a box. How many apples in total?</p>	<p>Solution 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.</p> $37 \times 70 = 2590$
<p>Question 8 Each child made 40 cupcakes for sale. If there are 24 children, how many cupcakes were made?</p>	<p>Solution 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.</p> $24 \times 40 = 960$
<p>Question 9 Each of the 27 sections of a fence contains 30 palings. How many palings were there altogether?</p>	<p>Solution To calculate the total number of palings used, multiply the number of sections by the number of palings in a section.</p> $27 \times 30 = 810$
<p>Question 10 Louise planted 98 rows of lettuces. She planted 90 lettuces in each row. How many lettuces did she plant?</p>	<p>Solution To calculate the total number of lettuces Louise planted, multiply the number of rows she planted by the number of lettuces in each row.</p> $98 \times 90 = 8820$