Worksheet - 2, 5 and 10 times tables

Year: Year 2 · 20

Show your working.

Question 1

Question 1 – Count in steps *(Section A · Practice)*

Count in steps and fill in the missing numbers.

a. 2, 4, 6, __, 10, __, 14
b. 5, 10, __, 20, __, 30, 35
c. 10, 20, __, 40, 50, __, 70
d. Count in twos from 12 to 24.
e. Count back in fives from 50 to 25.

Question 2

Question 2 – Repeated addition *(Section A · Practice)*

Write each repeated addition as a multiplication and find the answer.

a. 2 + 2 + 2 + 2 + 2
b. 5 + 5 + 5
c. 10 + 10 + 10 + 10
d. 2 + 2 + 2 + 2 + 2 + 2 + 2
e. 5 + 5 + 5 + 5 + 5 + 5

Question 3

Question 3 – Groups of dots *(Section A · Practice)*

Look at each picture. Write the multiplication and the answer.

a. 
b. 
c. 

Question 4

Question 4 – Times table facts *(Section A · Practice)*

Work out each answer. Say the times table to help you.

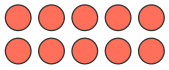
a. 6 × 2

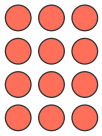
b. 8 × 5
c. 7 × 10
d. 9 × 2
e. 4 × 5
f. 12 × 10

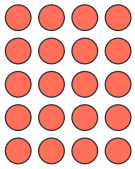
Question 5

Question 5 – Arrays *(Section A · Practice)*

Write two multiplications for each array.

a. 

b. 

c. 

Question 6

Question 6 – Division facts *(Section A · Practice)*

Use the times tables to work out each division.

a. 20 ÷ 2
b. 30 ÷ 5
c. 60 ÷ 10
d. 16 ÷ 2
e. 45 ÷ 5
f. 90 ÷ 10

Question 7

Question 7 – Socks in the washing basket *(Section B · Real-life practice)*

Mum is sorting the washing. She finds 9 pairs of socks in the basket. Each pair has 2 socks. Then she finds 4 more pairs under the bed.

a. How many socks are in the first 9 pairs? Write the multiplication.
b. How many pairs does Mum find altogether?
c. How many socks are there altogether in all the pairs?
d. Mum shares the socks equally between 2 drawers. How many socks go in each

drawer?

Question 8

Question 8 – Fingers at the playground *(Section B · Real-life practice)*

At the playground, a class of children are playing a clapping game. Each child holds up one hand. One hand has 5 fingers. There are 7 children in the first group and 6 children in the second group.

a. How many fingers are held up by the first group?
b. How many fingers are held up by the second group?
c. How many fingers are there in total?
d. Two extra children join in and hold up both hands. How many more fingers is that?

Question 9

Question 9 – Pencils in the classroom *(Section B · Real-life practice)*

A teacher buys packs of pencils for the art club. Every pack has 10 pencils. She buys 6 packs. The children use up 25 pencils in the first term.

a. How many pencils does the teacher buy?
b. How many pencils are left after the first term?
c. The teacher shares the remaining pencils equally between 5 tables. How many pencils does each table get?

Question 10

Question 10 – Buying fruit at the market *(Section B · Real-life practice)*

At a market stall, bananas are sold in bunches. Each bunch costs 2 pounds. Oranges are sold in nets with 5 oranges in each net. Amir buys 4 bunches of bananas and 3 nets of oranges.

a. How much do the bananas cost? Write a multiplication.
b. How many oranges does Amir buy?
c. Amir eats 3 oranges. How many oranges are left?
d. Amir gives the remaining oranges to 4 friends. How many does each friend get, if they share equally?

Question 11

Question 11 – Tennis balls *(Section B · Real-life practice)*

The tennis club keeps its balls in tubes. Each tube holds 2 balls. The coach has 14 balls on the court and wants to put them all back into tubes.

a. How many tubes does the coach need? Write a division.
b. Check your answer with a multiplication.
c. The club has 5 more tubes that are full. How many balls is that?
d. How many balls are there now, altogether?

Question 12

Question 12 – The sweet shop *(Section B · Real-life practice)*

In the sweet shop, lollipops are sold in bags of 5. Fruit chews are sold in boxes of 10. Hana buys 3 bags of lollipops and 2 boxes of fruit chews for a party.

Item	In each pack	Packs bought
Lollipops	5	3
Fruit chews	10	2

a. How many lollipops does Hana buy?
b. How many fruit chews does Hana buy?
c. How many sweets does she buy altogether?
d. She shares all the sweets equally between 5 friends. How many sweets does each friend get?

Question 13

Question 13 – Seats in the theatre *(Section B · Real-life practice)*

The school hall is set up for a play. The chairs are in 4 rows, with 10 chairs in each row. Another 3 rows with 5 chairs in each row are put at the back.

a. How many chairs are in the first 4 rows?
b. How many chairs are in the 3 rows at the back?
c. How many chairs are there in the hall altogether?
d. The headteacher says that 50 children are coming. Are there enough chairs? Explain.

Question 14

Question 14 – Stickers for good work *(Section B · Real-life practice)*

Miss Patel gives out stickers. Each sticker sheet has 10 stickers. She gives 2 stickers to every child who finishes the reading challenge. 9 children finish the challenge.

a. How many stickers does she give out? Write a multiplication.
b. She started with 3 full sheets of stickers. How many stickers is that?
c. How many stickers are left over?
d. How many more children could get 2 stickers each from the stickers that are left?

Question 15

Question 15 – The class trip to the farm *(Section C · Problem solving)*

Class 2B is going to a farm. There are 30 children in the class. They sit on a coach with 2 seats in each row. At the farm each child gets 5 pieces of animal food to feed the animals. A guide tells the children how many animals live in each pen.

Animal	Number in each pen	Pens
Goats	10	4
Sheep	5	7
Ducks	2	9

a. How many rows of seats do the children need on the coach?
b. How many pieces of animal food are given out in all?
c. How many goats, sheep and ducks are there at the farm? Work out each one.
d. How many animals are there altogether?
e. Are there more sheep or more ducks? Write how many more.

Question 16

Question 16 – Setting up the school fair *(Section C · Problem solving)*

The school fair needs 60 tables for stalls. The caretaker puts the tables in groups. A group of 10 tables is used for the cake stalls, groups of 5 tables for games, and groups of 2 for the face-painting stalls. The caretaker has already put out 3 groups of 10 tables and 4 groups of 5 tables.

a. How many tables are in the groups of 10?
b. How many tables are in the groups of 5?
c. How many tables has the caretaker put out so far?
d. How many tables are still needed to reach 60?
e. The remaining tables are put into groups of 2. How many groups of 2 will there be?

Question 17

Question 17 – Saving for a bike *(Section C · Problem solving)*

Tom is saving for a new bike. In 4 weeks he puts 2 pounds in his money jar on 8 weekdays. Every Saturday he does jobs and puts in 5 pounds. His grandad also gives him 10 pounds each time Tom visits, and Tom visits twice.

How Tom saves	Amount each time	Number of times
Weekday saving	2 pounds	8
Saturday jobs	5 pounds	4
Grandad's visit	10 pounds	2

a. How much money does Tom put in from weekday saving?
b. How much does he get from Saturday jobs?
c. How much does he get from his grandad?
d. How much money does he have in total?
e. The bike costs 60 pounds. How much more does Tom need to save?

Question 18

Question 18 – The swimming lesson *(Section C · Problem solving)*

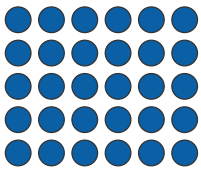
There are 40 children at a swimming lesson. The teacher puts them into teams of 5 for a relay race. Each team swims 4 lengths of the pool, and the pool is 10 metres long. After the race, the children drink water. Each child drinks 2 cups and the teacher fills the cups from jugs that fill 10 cups each.

a. How many teams are there?
b. How many metres does one team swim altogether?
c. How many cups of water do the 40 children drink?
d. How many jugs does the teacher need to fill?
e. One team says, "We swam 40 metres, so we swam more than 5 times 10 metres." Is the team right? Explain.

Question 19

Question 19 – Tiles on the floor *(Section C · Problem solving)*

Zara is helping to tile a floor. She puts tiles in an array with 5 rows and 6 columns. The tiles in each row are the same colour. Rows 1, 3 and 5 are blue and rows 2 and 4 are yellow.



a. Write a multiplication to show how many tiles there are.
b. How many blue tiles are there?
c. How many yellow tiles are there?
d. Zara turns the array so that it has 6 rows. Write the new multiplication. Is the answer the same?
e. Zara has 28 tiles. Can she make an array with 5 rows and 6 columns? Explain.

Question 20

Question 20 – Challenge: mystery numbers *(Section D · Challenge)*

Otto is thinking of some mystery numbers. Use the clues to find them. Show your thinking.

a. I am in the 5 times table and the 10 times table. I am bigger than 40 and smaller than 60. What number am I?
b. I am an even number. I am in the 5 times table. When you divide me by 2 you get 15. What number am I?
c. I am a number in the 2 times table. If you make me 10 times bigger, you get 140. What number am I?
d. Otto says, "If I multiply any number by 5, the answer ends in 0 or 5." Is Otto correct? Give two examples.