GRAYS TUITION CENTRE – Online Tutoring

WEEK: 4

Week Beginning: (11/01/2021)

Subject: MATHS

Year: 3

Lesson Objective:

- Word multiplication questions, being able to identify which numbers you have to use in the calculation
- Be able to fill in missing numbers in multiplication (working on 2,3,4,5 &10 timetables)

Class Worksheets

- The tutor shall work through the first few sheets with the students explaining how to identify which numbers to use and how to carry out the calculation
- Ask students to write and memorise 2,3,4,5 &10 timetables

Homework

- The homework will be similar to the class work to make sure the students have a good understanding of the class work; the questions vary from easy - hard to the students can challenge themselves
- Worksheets attached at the bottom

Additional Notes

- All lesson worksheets and **homework for next week (due Week 5)** worksheets can be found below
- Week 3 homework will be marked in lesson
- All corrections will be explained in lesson

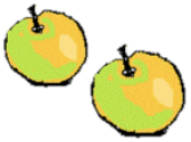
2,3,4,5 & 10 TIMES TABLES

1) 2 x ____ = 10
2) ____ x 3 = 3
3) ____ x 5 = 15
4) 10 x ____ = 50
5) 4 x ____ = 8
6) ____ x 10 = 0
7) ____ x 5 = 25
8) 2 x ____ = 14
9) ____ x 4 = 16
10) ____ x 10 = 30
11) 3 x ____ = 18
12) 5 x ____ = 5
13) ____ x 2 = 4
14) ____ x 3 = 12
15) 4 x ____ = 20
16) 10 x ____ = 70
17) ____ x 5 = 20
18) ____ x 3 = 0
19) 2 x ____ = 20
20) ____ x 5 = 35

Have a go at solving these multiplication problems.
Can you spot the 'trick' problem which is not a multiplication problem?

1) A ream (500 sheets) of paper is 4cm thick. How thick would 13 reams be?

2) You get 8 apples in a bag. How many apples in 7 bags?



3) I share 24 chocolates equally between my 3 friends. How many chocolates do they each get?

4) A pen costs $13 to buy. How much would 6 pens cost?

5) A PP9 battery has 9 volts. If I connect 7 batteries together, how many volts would the circuit have?

6) How many legs would 15 cats have?

7) Tyger downloads 15 new apps a week for his tablet. How many apps will he have after 6 weeks?

Have a go at solving these multiplication problems.
Can you spot the 'trick' problem which is not a multiplication problem?

1) A car travels for 4 hours at 68 miles per hour. How far has it travelled?

2) A packet of M&Ms holds 48 candy sweets. How many sweets in 7 packets?

3) A digital camera is able to take photos at 64 frames per second. How many frames could the camera take in 9 seconds?

4) A school orders pencils in packs of 24. How many pencils in 12 packs?

5) A piece of rope is 24 foot long. If I cut the rope into 6 equal lengths, how long will each piece be?

6) A window cleaner earns about $24 an hour. How much will he have earnt in a week where he works for 14 hours?

7) A banana contains about 89 calories. How many calories in 6 bananas?

Homework Questions:

21) ____ x 4 = 24

22) 2 x ____ = 16

23) ____ x 10 = 80

24) ____ x 3 = 21

25) 5 x ____ = 10

26) ____ x 2 = 14

27) 3 x ____ = 27

28) 10 x ____ = 100

29) ____ x 4 = 32

30) 2 x ____ = 18

31) ____ x 3 = 6

32) ____ x 4 = 28

33) 5 x ____ = 45

34) 3 x ____ = 24

35) ____ x 10 = 80

36) ____ x 5 = 35

37) 4 x ____ = 36

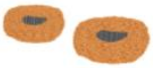
38) 3 x ____ = 12

39) ____ x 5 = 50

40) ____ x 2 = 18

Have a go at solving these multiplication problems.
Can you spot the 'trick' problem which is not a multiplication problem?

1) Donuts come in packs of 6. I buy 13 packs. How many have I bought?



2) How many days in 15 weeks?

3) Tyger takes 9 minutes to run a mile. How long would it take him to run 12 miles at the same pace?

4) Bulbs come in packs of 12. How many bulbs in 12 packs?

5) A lighthouse flashes its light 8 times a minute. How many times would it flash in 20 minutes?

6) A spider has 8 legs. How many legs would 16 spiders have?

7) In a field there are 15 sheep and 12 cows. How many animals in total?

8) I buy 18 bunches of bananas. There are 6 bananas in each bunch. How many bananas have I bought?

Homework:

DIVISION PROBLEMS 3.4

Work out the answers to these division problems involving sharing and grouping.

1) An episode of Salamander Safari takes 10 minutes.
How many episodes could Sally watch in an hour?

2) A pen costs $7.
How many pens could I buy for $35?

3) Frazer runs 3 meters in a minute.
How long will it take him to run 27 meters at this speed?

4) Quadra has 32 socks which he puts into pairs.
How many pairs of socks can he make?

5) A length of rope is 20m long.
If I cut it into 10 equal length pieces, how long is each piece?

6) Newton sells his raffle tickets for $7 each.
How many tickets does he need to sell to make $70?

6) An active dolphin needs to breathe 8 times a minute.
How long would it take them to breathe 48 times?

Multiplication Wheels

Multiply the numbers by the middle number.