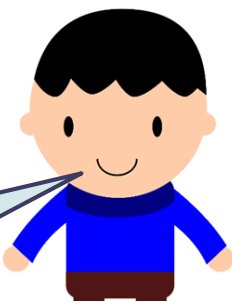# Daily times tables:

Don't forget to practise daily on Times Tables Rockstars to earn coins for your Avatar! **The next Battle of the Bands has started – remember to play for 10 minutes a day!**

https://play.ttrockstars.com/auth/school/student

You can also use this link to practise your times tables:

- https://www.timestables.co.uk/speed-test/

4/5/20
4 Ops – Addition
Written Method Layout:

How can you check?

Inverse:

$96666 - 6879 = 89787$

$89787 + 6879$

Estimate:

$90000 + 7000 = 97000$

$$
\begin{array}{r}
8\,9\,7\,8\,7 \\
+\quad 6\,8\,7\,9 \\
\hline
_1\,_1\,_1\,_1 \\
9\,6\,6\,6\,6 \\
\hline
\end{array}
$$

Put the 'exchanged' numbers sitting on the line. This layout will help you when learning long multiplication.

4 Ops – Addition

1) **?** - 80 = 610
2) 3,309 + 400 =
3) 368 + 5,026 =
4) **?** = 8,909 + 188
5) 4,000 + 47 + 53 =
6) £4,999 + £100 =
7) 347**cm** + 6**m** =
8) **?** - 287g = 602g
9) 3/8 + 4/8 =
10) Frank had 909 stamps. He collected 1 more.
How many stamps does Frank have now?

1) **?** - 39p = £90
2) 15.68kg + 7,888g + 6.6kg =
3) **?** = £3,227 + £32.27
4) 7,897**m** + 79.7**km** + 7.77**km** =
5) **?** = £31.13 + £813.31
6) 8.107kg = **?** - 8,017g
7) 2.9**L** + 12,999**mL** =
8) 1/8 + 7/32 =
9) 1/5 + 1/4 =
10) Frank had 159 marbles. Freya had 109 marbles. Fran had 79 marbles.
How many marbles did Fran and Frank have altogether?

What is the most **efficient** method?

4/5/20 ANSWERS
4 Ops – Addition

1) **690** - 80 = 610
2) 3,309 + 400 = 3,709
3) 368 + 5,026 = 5,394
4) **9,097** = 8,909 + 188
5) 4,000 + 47 + 53 = 4,100
6) £4,999 + £100 = £5,099
7) 347**cm** + 6**m** = 947**cm**
8) **889g** - 287g = 602g
9) 3/8 + 4/8 = 7/8
10) Frank had 909 stamps. He collected 1 more.
How many stamps does Frank have now? = 910 stamps

1) **£90.39** - 39p = £90
2) 15.68kg + 7,888g + 6.6kg = 30,168g
3) **£3,259.27** = £3,227 + £32.27
4) 7,897**m** + 79.7**km** + 7.77**km** = 95,367m
5) **£844.44** = £31.13 + £813.31
6) 8.107kg = **16,124g** - 8,017g
7) 2.9**L** + 12,999**mL** = 15,899mL
8) 1/8 + 7/32 = 11/32
9) 1/5 + 1/4 = 4/20 + 5/20 = 9/20
10) Frank had 159 marbles.
Freya had 109 marbles. Fran had 79 marbles.
How many marbles did Fran and Frank have altogether? = 238 marbles

1km = 1000m	£1 = 100p
1m = 100cm	1kg = 1000g
1cm = 10mm	1L = 1000ml

5/5/20
4 Ops – Subtraction
Written Method Layout:

How can you check?

Inverse:

2477 + 1475 = 3952
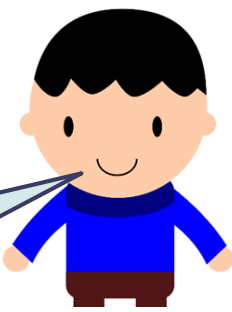
3952 - 1475 =

Estimate:

4000 - 1500 = 2500

$$
\begin{array}{r}
\,^{8}3\ ^{4}9\ ^{1}5\ 2 \\
-\ 1\ 4\ 7\ 5 \\
\hline
2\ 4\ 7\ 7
\end{array}
$$

Make sure that your working out is clear so that you and others can follow each step you have made when checking.
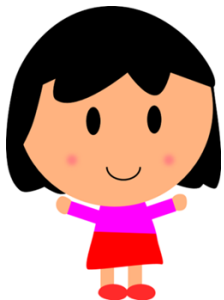
5/5/20
4 Ops – Subtraction

1) 5,776 – 56 =
2) 8,023 – 141 =
3) 9,389 – 7,707 =
4) 8,190 – 5,687 =
5) £900 - £90 =
6) **6m** – 600**cm** =
7) **?m** + 15m = 90m
8) **?cm** + 8**mm** = 1**cm**
9) 8/10 - 7/10 =
10) I have 201 marbles. You take away 20. How many are left?

1) £11,000 – £99 =
2) 8,909**m** – 8.78**km** =
3) 3,000**mL** – 2.909**L** =
4) 18.008**kg** - 17,555**g** =
5) 10.67**kg** – 10,199**g** =
6) £800 - 57p =
7) 78,999 + **?** = 100,000
8) 4/5 - 7/20 =
9) 3/4 - 1/3 =
10) A library has 4,404 books. You take away 19 books. How many are left?

What is the most **efficient** method?

5/5/20 ANSWERS
4 Ops – Subtraction

1) 5,776 – 56 = 5,720
2) 8,023 – 141 = 7,882
3) 9,389 – 7,707 = 1,682
4) 8,190 – 5,687 = 2,503
5) £900 - £90 = £810
6) **6m** – 600**cm** = 0cm
7) **75m** + 15m = 90m
8) **2cm** + 8**mm** = 1**cm**
9) 8/10 - 7/10 = 1/10
10) I have 201 marbles. You take away 20. How many are left? = 191 marbles

1) £11,000 – £99 = £10,901
2) 8,909**m** – 8.78**km** = 129m
3) 3,000**mL** – 2.909**L** = 91mL
4) 18.008**kg** - 17,555**g** = 453g
5) 10.67**kg** – 10,199**g** = 471g
6) £800 - 57p = £799.43
7) 78,999 + **21,001** = 100,000
8) 4/5 - 7/20 = 16/20 - 7/20 = 9/20
9) 3/4 - 1/3 = 9/12 = 4/12 = 5/12
10) A library has 4,404 books. You take away 19 books. How many are left? = 4,385 books

1km = 1000m   £1 = 100p
1m = 100cm   1kg = 1000g
1cm = 10mm   1L = 1000ml

6/5/20

4 Ops – Multiplication

Written Method Layout:

How can you check?

```
Th   H    T    O

      3    4    2
  x              7
  _____
      2    1
  _____
  2    3    9    4
```
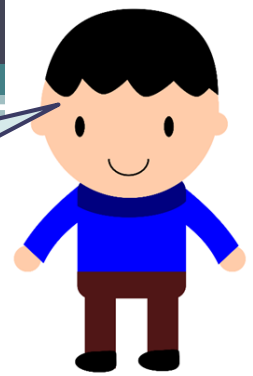
```
    H    T    O

         2    4
  x              6
  _____
         2
  _____
  1    4    4
```

Use the expanded method initially:

```
    H    T    O              Show the grid method alongside

         2    4
  x         6
  _____
         2    4     (4 x6)
  1    2    0     (20 x6)
  _____
  1    4    4
```

X	20	4
6	120	24

120 + 24 = 144
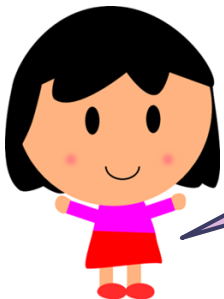
Put the 'exchanged' numbers sitting on the line, not under. This layout will help you when learning long multiplication.

6/5/20

4 Ops – Multiplication

1) 6^2 =
2) 36 x 10 =
3) 100 x 36 =
4) 36 x 0 =
5) 32 x 8 =
6) 42 x 8 =
7) 43 x 8 =
8) 52 x 8 =
9) There are 11 nets. Each net has 8 plums in. How many plums are there altogether?

1) 6^3=
2) 87.6 x 1000 =
3) 10 x 87.6 =
4) 87.6 x 1 =
5) 876 x 7 =
6) 9 x 687=
7) 12 x 876 =
8) 687 x 15 =
9) There are 1,000 boxes. Each box has * plums in. How many plums are there altogether?

(* = answer to green Q9)

# 6/5/20 ANSWERS
4 Ops – Multiplication

1) 6^2 = 36
2) 36 x 10 = 360
3) 100 x 36 = 3,600
4) 36 x 0 = 0
5) 32 x 8 = 256
6) 42 x 8 = 336
7) 43 x 8 = 344
8) 52 x 8 = 416
9) There are 11 nets. Each net has 8 plums in. How many plums are there altogether? = 88 plums

1) 6^3= 6 x 6 x 6
     = 216
2) 87.6 x 1000 = 87,600
1) 10 x 87.6 = 876
2) 87.6 x 1 = 87.6
3) 876 x 7 = 6,132
4) 9 x 687= 6,183
5) 12 x 876 = 10,512
6) 687 x 15 = 10,305
7) There are 1,000 boxes. Each box has * plums in. How many plums are there altogether?
(* = answer to green Q9) = 88,000 plums
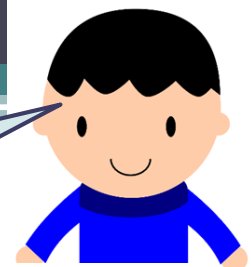
4 Ops – Division
Written Method Layout:

How can you check?

Inverse:

$32 \times 6 + 4 = 196$

$196 \div 6 =$

Estimate:

$180 \div 6 = 30$

```
    0 3 2   r 4
          1
6 | 1 9 6
```

$196 \div 6 =$

Estimate:

$180 \div 6 = 30$

```
    6)196
  -  60   6×10
    136
  -  60   6×10
     76
  -  60   6×10
     16
  -  12   6 × 2
      4    32
Answer:   32 R 4        OR 32 4/6
```

The number you are dividing by (6 in this case) goes first. It is 6 multiplied by 10.
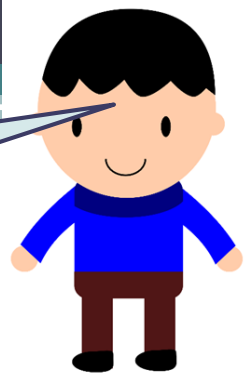
Make sure that your working out is clear so that you and others can follow each step you have made when checking.

7/5/20

4 Ops – Division

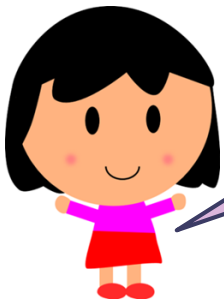## Written Method Layout:

How can you write the remainder?

$432 \div 5 =$

Estimate:

$400 \div 5 = 80$

NOTE: Remainders can also be expressed as a fraction or decimal.

For example: remainder 2, 2/5 or 0.4

```
  0 8 6  r 2
         3
5 │  4 3 2
```

Inverse:

$86 \times 5 + 2 = 432$

Make sure that your working out is clear so that you and others can follow each step you have made when checking.

7/5/20

4 Ops – Division

1) 40 ÷ 8 =
2) 400 ÷ 8 =
3) 408 ÷ 8 =
4) 168 ÷ 8 =
5) 328 ÷ 8 =
6) 864 ÷ 8 =
7) 880 ÷ 10 =
8) 9,600 ÷ 100 =
9) I have 72 shells. I divide them equally between 8 boxes. How many shells are in each box?

1) ? x 10 = 74
2) 74 ÷ 10 =
3) 7,400 ÷ 100 =
4) 7,400 ÷ 1000 =
5) 7,474 ÷ 1,000 =
6) 7,474 ÷ 9 =
7) 7,474 ÷ 8 =
8) 7,474 ÷ 12 =
9) I have 840 pebbles. I divide them equally between 12 pots. How many pebbles are in each pot?

7/5/20 ANSWERS
4 Ops - Division

1) 40 ÷ 8 = 5
2) 400 ÷ 8 = 50
3) 408 ÷ 8 = 51
4) 168 ÷ 8 = 21
5) 328 ÷ 8 = 41
6) 864 ÷ 8 = 108
7) 880 ÷ 10 = 88
8) 9,600 ÷ 100 = 96
9) I have 72 shells. I divide them equally between 8 boxes. How many shells are in each box? = 9 shells

1) 7.4 x 10 = 74
2) 74 ÷ 10 = 7.4
3) 7,400 ÷ 100 = 74
4) 7,400 ÷ 1000 = 7.4
5) 7,474 ÷ 1,000 = 7.474
6) 7,474 ÷ 9 = 830 r 4
7) 7,474 ÷ 8 = 934 r 2
8) 7,474 ÷ 12 = 622 r 10
9) I have 840 pebbles. I divide them equally between 12 pots. How many pebbles are in each pot? = 70 pebbles