# 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 starts on Friday at 9am.**

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/
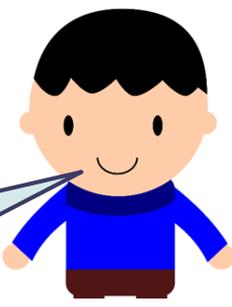
4 Ops – Addition

Written Method Layout:

How can you check?

Inverse:

$96666 - 6879 = 89787$

$89787 + 6879$

Estimate:

$90000 + 7000 = 97000$

$$
\begin{array}{r}
8\,9\,7\,8\,7 \\
+\quad 6\,8\,7\,9 \\
\hline
\scriptstyle 1\,\,1\,\,1\,\,1 \\
\hline
9\,6\,6\,6\,6
\end{array}
$$

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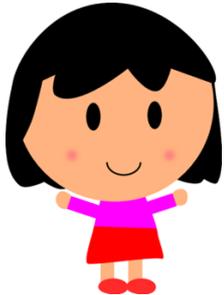
4 Ops – Addition

1) **?** - 70 = 630
2) 3,109 + 400 =
3) 386 + 5,026 =
4) **?** = 8,990 + 128
5) 4,000 + 45 + 55 =
6) £4,999 + £7,000 =
7) 489**cm** + 5**m** =
8) **?** - 309*g* = 201*g*
9) 6/12 + 6/12 =
10) Jez had 99 stamps. He collected 111 more.
How many stamps does Jez have now?

1) **?** - 38p = £80
2) 15.46kg + 7,808*g* + 9.3kg =
3) **?** = £5,909 + £81.01
4) 7,821**m** + 72.1**km** + 7.7**km** =
5) **?** = £87.13 + £817.31
6) 7.17kg = **?** - 7,017*g*
7) 7.47**L** + 7,974**ml** =
8) 1/3 + 11/15 =
9) 1/3 + 1/4 =
10) Jez had 167 marbles. Jaz had 176 marbles.
Jayden had 67 marbles.
How many marbles did Jez, Jayden and Jaz have altogether?

What is the most **efficient** method?

27/4/20 ANSWERS

4 Ops – Addition

1) **700** - 70 = 630
2) 3,109 + 400 = 3,509
3) 386 + 5,026 = 5,412
4) **9,118** = 8,990 + 128
5) 4,000 + 45 + 55 = 4,100
6) £4,999 + £7,000 = £11,999
7) 489**cm** + 5**m** = 989cm
8) **510g** - 309g = 201g
9) 6/12 + 6/12 = 12/12 = 1
10) Jez had 99 stamps. He collected 111 more. How many stamps does Jez have now? = 210 stamps

1) **£80.38** - 38p = £80
2) 15.46kg + 7,808g + 9.3kg = 32,568g
3) **£5,990.01** = £5,909 + £81.01
4) 7,821**m** + 72.1**km** + 7.7**km** = 87,621m
5) £904.44 = £87.13 + £817.31
6) 7.17kg = **14,187g** - 7,017g
7) 7.47**L** + 7,974**ml** = 15,444ml
8) 1/3 + 11/15 = 16/15 or **1** 1/15
9) 1/3 + 1/4 = 4/12 + 3/12 = 7/12
10) Jez had 167 marbles. Jaz had 176 marbles. Jayden had 67 marbles. How many marbles did Jez, Jayden and Jaz have altogether? = 410 marbles

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

28/4/20
4 Ops – Subtraction
Written Method Layout:

How can you check?

Inverse:

$2477 + 1475 = 3952$

$3952 - 1475 =$

Estimate:

$4000 - 1500 = 2500$

```
         1
    8   4   1
 3  9   5   2
-1  4   7   5
 2  4   7   7
```

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

28/4/20
4 Ops – Subtraction

1) 5,879 – 77 =
2) 8,023 – 133 =
3) 9,389 – 5,555 =
4) 8,190 – 3,999 =
5) £700 - £70 =
6) **9m** – 900**cm** =
7) **?m** + 65m = 90m
8) **?cm** + 7**mm** = 1**cm**
9) 8/9 - 3/9 =
10) I have 201 marbles. You take away 10. How many are left?

1) £17,000 – £17 =
2) 8,909**m** – 8.09**km** =
3) 3,000**mL** – 2.050**L** =
4) 18.008**kg** - 10,008**g** =
5) 10.67**kg** – 10,077**g** =
6) £800 - 88p =
7) 42,999 + **?** = 100,000
8) 7/10 - 7/20 =
9) 3/4 - 1/5 =
10) A library has 4,404 books. You take away 44 books. How many are left?

What is the most **efficient** method?

28/4/20 ANSWERS

4 Ops – Subtraction

1) 5,879 – 77 = 5,802
2) 8,023 – 133 = 7,890
3) 9,389 – 5,555 = 3,834
4) 8,190 – 3,999 = 4,191
5) £700 - £70 = £630
6) **9m** – 900**cm** = 0cm
7) **25m** + 65m = 90m
8) **3cm** + 7**mm** = 1**cm**
9) 8/9 - 3/9 = 5/9
10) I have 201 marbles. You take away 10. How many are left? 191 marbles

1) £17,000 – £17 = £16,983
2) 8,909**m** – 8.09**km** = 819m
3) 3,000**mL** – 2.050**L** = 950mL
4) 18.008**kg** - 10,008**g** = 8000g OR 8kg
5) 10.67**kg** – 10,077**g** = 593g
6) £800 - 88p = £799.12
7) 42,999 + **57,001** = 100,000
8) 7/10 - 7/20 = 7/20
9) 3/4 - 1/5 = 15/20 – 4/20 = 11/20
10) A library has 4,404 books. You take away 44 books. How many are left? = 4,360 books

1km = 1000m	£1 = 100p
1m = 100cm	1kg = 1000g
1cm = 10mm	1L = 1000ml
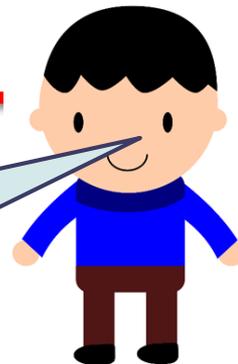
29/4/20
4 Ops – Multiplication
Written Method Layout:

How can you check?
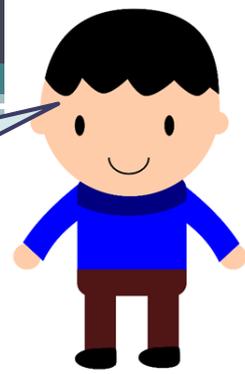
Th	H	T	O
	3	4	2
x			7
	2	1	
2	3	9	4

H	T	O
	2	4
x		6
	2	
1	4	4

Use the expanded method initially:

H	T	O	
	2	4	
x		6	
	2	4	(4 x6)
1	2	0	(20 x6)
1	4	4	

Show the grid method alongside

X	20	4
6	120	24

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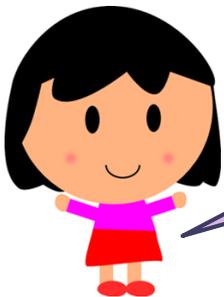
Put the 'exchanged' numbers sitting on the line, not under. This layout will help you when learning long multiplication.

29/4/20
4 Ops – Multiplication

1) 4^2 =
2) 42 x 10 =
3) 1 x 42 =
4) 42 x 100 =
5) 42 x 4 =
6) 43 x 4 =
7) 33 x 4 =
8) 73 x 4 =
9) There are 12 nets. Each net has 4 limes in. How many limes are there altogether?

1) 9^3=
2) 81.9 x 1 =
3) 0 x 81.9 =
4) 81.9 x 100 =
5) 819 x 8 =
6) 9 x 819 =
7) 12 x 819 =
8) 891 x 13 =
9) There are 1,000 boxes. Each box has * limes in. How many lemons are there altogether?

(* = answer to green Q9)
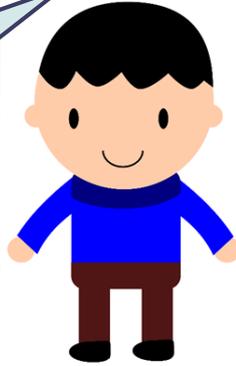
29/4/20 ANSWERS
4 Ops – Multiplication

What is the most **efficient** method?

1) 4^2 = 16
2) 42 x 10 = 420
3) 1 x 42 = 42
4) 42 x 100 = 4,200
5) 42 x 4 = 168
6) 43 x 4 = 172
7) 33 x 4 = 132
8) 73 x 4 = 292
9) There are 12 nets. Each net has 4 limes in. How many limes are there altogether? = 48 limes

1) 9^3= 729
2) 81.9 x 1 = 81.9
3) 0 x 81.9 = 0
4) 81.9 x 100 = 8,190
5) 819 x 8 = 6,552
6) 9 x 819 = 7,371
7) 12 x 819 = 9,828
8) 891 x 13 = 11,583
9) There are 1,000 boxes. Each box has * limes in. How many lemons are there altogether? = 48,000 limes

(* = answer to green Q9)
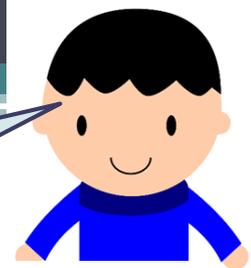
30/4/20
4 Ops – Division
Written Method Layout:

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.

30/4/20

How can you write the remainder?

4 Ops – Division

Written Method Layout:

$432 ÷ 5 =$

Estimate:

$400 ÷ 5 = 80$

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

For example: remainder 2, 2/5 or 0.4
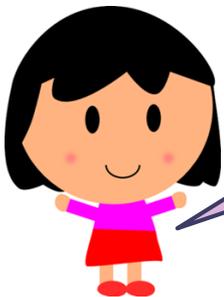
```
     0 8 6   r 2
          3
5 │  4 3 2
```

Inverse:

$86 × 5 + 2 = 432$

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

4 Ops - Division

What is the most efficient method?

1) 32 ÷ 8 =
2) 320 ÷ 8 =
3) 328 ÷ 8 =
4) 364 ÷ 8 =
5) 367 ÷ 8 =
6) 821 ÷ 8 =
7) 820 ÷ 10 =
8) 8,200 ÷ 100 =
9) I have 48 pencils. I divide them equally between 8 boxes. How many pencils are in each box?

1) ? x 10 = 63
2) 63 ÷ 10 =
3) 6,300 ÷ 100 =
4) 6,300 ÷ 1000 =
5) 6,363 ÷ 1,000 =
6) 6,363 ÷ 9 =
7) 6,489 ÷ 8 =
8) 6,489 ÷ 12 =
9) I have 720 post-it notes. I divide them equally between 12 teachers. How many post-it notes does each teacher get?
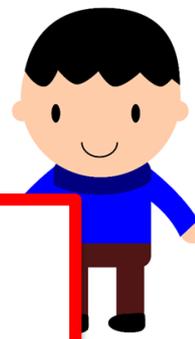
4 Ops - Division

1) 32 ÷ 8 = 4
2) 320 ÷ 8 = 40
3) 328 ÷ 8 = 41
4) 364 ÷ 8 = 45 r 4
5) 367 ÷ 8 = 45 r 7
6) 821 ÷ 8 = 102 r 5
7) 820 ÷ 10 = 82
8) 8,200 ÷ 100 = 82
9) I have 48 pencils. I divide them equally between 8 boxes. How many pencils are in each box?
 = 6 pencils

1) 6.3 x 10 = 63
2) 63 ÷ 10 = 6.3
3) 6,300 ÷ 100 = 63
4) 6,300 ÷ 1000 = 6.3
5) 6,363 ÷ 1,000 = 6.363
6) 6,363 ÷ 9 = 707
7) 6,489 ÷ 8 = 811 r 1
8) 6,489 ÷ 12 = 540 r 9
9) I have 720 post-it notes. I divide them equally between 12 teachers. How many post-it notes does each teacher get?
 = 60 post-it notes