

Monday 23rd March 2020

Year 6 Times Tables practise

Times tables is an important focus and something that needs to be kept on top of and constantly recited in order to keep the knowledge and skills fresh!

What I would like you to do is:

1. Recall/recite and write out the 3s, 6s, 7s, 8s, 9s and 12 times tables
2. Link them to other times tables, e.g. the 6 times tables and 3 times tables are linked – but how?

Times tables

1 times table

$$\begin{aligned} 1 \times 1 &= 1 \\ 2 \times 1 &= 2 \\ 3 \times 1 &= 3 \\ 4 \times 1 &= 4 \\ 5 \times 1 &= 5 \\ 6 \times 1 &= 6 \\ 7 \times 1 &= 7 \\ 8 \times 1 &= 8 \\ 9 \times 1 &= 9 \\ 10 \times 1 &= 10 \\ 11 \times 1 &= 11 \\ 12 \times 1 &= 12 \end{aligned}$$

2 times table

$$\begin{aligned} 1 \times 2 &= 2 \\ 2 \times 2 &= 4 \\ 3 \times 2 &= 6 \\ 4 \times 2 &= 8 \\ 5 \times 2 &= 10 \\ 6 \times 2 &= 12 \\ 7 \times 2 &= 14 \\ 8 \times 2 &= 16 \\ 9 \times 2 &= 18 \\ 10 \times 2 &= 20 \\ 11 \times 2 &= 22 \\ 12 \times 2 &= 24 \end{aligned}$$

3 times table

$$\begin{aligned} 1 \times 3 &= 3 \\ 2 \times 3 &= 6 \\ 3 \times 3 &= 9 \\ 4 \times 3 &= 12 \\ 5 \times 3 &= 15 \\ 6 \times 3 &= 18 \\ 7 \times 3 &= 21 \\ 8 \times 3 &= 24 \\ 9 \times 3 &= 27 \\ 10 \times 3 &= 30 \\ 11 \times 3 &= 33 \\ 12 \times 3 &= 36 \end{aligned}$$

4 times table

$$\begin{aligned} 1 \times 4 &= 4 \\ 2 \times 4 &= 8 \\ 3 \times 4 &= 12 \\ 4 \times 4 &= 16 \\ 5 \times 4 &= 20 \\ 6 \times 4 &= 24 \\ 7 \times 4 &= 28 \\ 8 \times 4 &= 32 \\ 9 \times 4 &= 36 \\ 10 \times 4 &= 40 \\ 11 \times 4 &= 44 \\ 12 \times 4 &= 48 \end{aligned}$$

5 times table

$$\begin{aligned} 1 \times 5 &= 5 \\ 2 \times 5 &= 10 \\ 3 \times 5 &= 15 \\ 4 \times 5 &= 20 \\ 5 \times 5 &= 25 \\ 6 \times 5 &= 30 \\ 7 \times 5 &= 35 \\ 8 \times 5 &= 40 \\ 9 \times 5 &= 45 \\ 10 \times 5 &= 50 \\ 11 \times 5 &= 55 \\ 12 \times 5 &= 60 \end{aligned}$$

6 times table

$$\begin{aligned} 1 \times 6 &= 6 \\ 2 \times 6 &= 12 \\ 3 \times 6 &= 18 \\ 4 \times 6 &= 24 \\ 5 \times 6 &= 30 \\ 6 \times 6 &= 36 \\ 7 \times 6 &= 42 \\ 8 \times 6 &= 48 \\ 9 \times 6 &= 54 \\ 10 \times 6 &= 60 \\ 11 \times 6 &= 66 \\ 12 \times 6 &= 72 \end{aligned}$$

7 times table

$$\begin{aligned} 1 \times 7 &= 7 \\ 2 \times 7 &= 14 \\ 3 \times 7 &= 21 \\ 4 \times 7 &= 28 \\ 5 \times 7 &= 35 \\ 6 \times 7 &= 42 \\ 7 \times 7 &= 49 \\ 8 \times 7 &= 56 \\ 9 \times 7 &= 63 \\ 10 \times 7 &= 70 \\ 11 \times 7 &= 77 \\ 12 \times 7 &= 84 \end{aligned}$$

8 times tables

$$\begin{aligned} 1 \times 8 &= 8 \\ 2 \times 8 &= 16 \\ 3 \times 8 &= 24 \\ 4 \times 8 &= 32 \\ 5 \times 8 &= 40 \\ 6 \times 8 &= 48 \\ 7 \times 8 &= 56 \\ 8 \times 8 &= 64 \\ 9 \times 8 &= 72 \\ 10 \times 8 &= 80 \\ 11 \times 8 &= 88 \\ 12 \times 8 &= 96 \end{aligned}$$

9 times tables

$$\begin{aligned} 1 \times 9 &= 9 \\ 2 \times 9 &= 18 \\ 3 \times 9 &= 27 \\ 4 \times 9 &= 36 \\ 5 \times 9 &= 45 \\ 6 \times 9 &= 54 \\ 7 \times 9 &= 63 \\ 8 \times 9 &= 72 \\ 9 \times 9 &= 81 \\ 10 \times 9 &= 90 \\ 11 \times 9 &= 99 \\ 12 \times 9 &= 108 \end{aligned}$$

10 times tables

$$\begin{aligned} 1 \times 10 &= 10 \\ 2 \times 10 &= 20 \\ 3 \times 10 &= 30 \\ 4 \times 10 &= 40 \\ 5 \times 10 &= 50 \\ 6 \times 10 &= 60 \\ 7 \times 10 &= 70 \\ 8 \times 10 &= 80 \\ 9 \times 10 &= 90 \\ 10 \times 10 &= 100 \\ 11 \times 10 &= 110 \\ 12 \times 10 &= 120 \end{aligned}$$

11 times tables

$$\begin{aligned} 1 \times 11 &= 11 \\ 2 \times 11 &= 22 \\ 3 \times 11 &= 33 \\ 4 \times 11 &= 44 \\ 5 \times 11 &= 55 \\ 6 \times 11 &= 66 \\ 7 \times 11 &= 77 \\ 8 \times 11 &= 88 \\ 9 \times 11 &= 99 \\ 10 \times 11 &= 110 \\ 11 \times 11 &= 121 \\ 12 \times 11 &= 132 \end{aligned}$$

12 times tables

$$\begin{aligned} 1 \times 12 &= 12 \\ 2 \times 12 &= 24 \\ 3 \times 12 &= 36 \\ 4 \times 12 &= 48 \\ 5 \times 12 &= 60 \\ 6 \times 12 &= 72 \\ 7 \times 12 &= 84 \\ 8 \times 12 &= 96 \\ 9 \times 12 &= 108 \\ 10 \times 12 &= 120 \\ 11 \times 12 &= 132 \\ 12 \times 12 &= 144 \end{aligned}$$

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- Then, look at what happens when you do 3×40 and 4×40 etc. how does this link to the original times tables? Then try 3×400 and 4×400 etc

Tuesday 24th March 2020

Year 6 Maths practise

LI: To solve algebraic problems

Example:

$$B = 4$$

$$4b + 2 =$$

$$(4 \times 4) + 2 =$$

$$16 + 2 = 18$$

If $a=4$ $b=5$ $c=6$ $d=7$

Calculate the answers to these:

a) $a + b + c =$

f) $3c + c^2 =$

b) $2c + d =$

g) $d^2 - c^2 =$

c) $3a + 2b =$

h) $a^3 - a^2 =$

d) $a^2 - c =$

i) $a^2 + b^2 + c^2 + d^2 =$

e) $d + b^2 =$

j) $b^3 + a^3 - d^2 - c =$

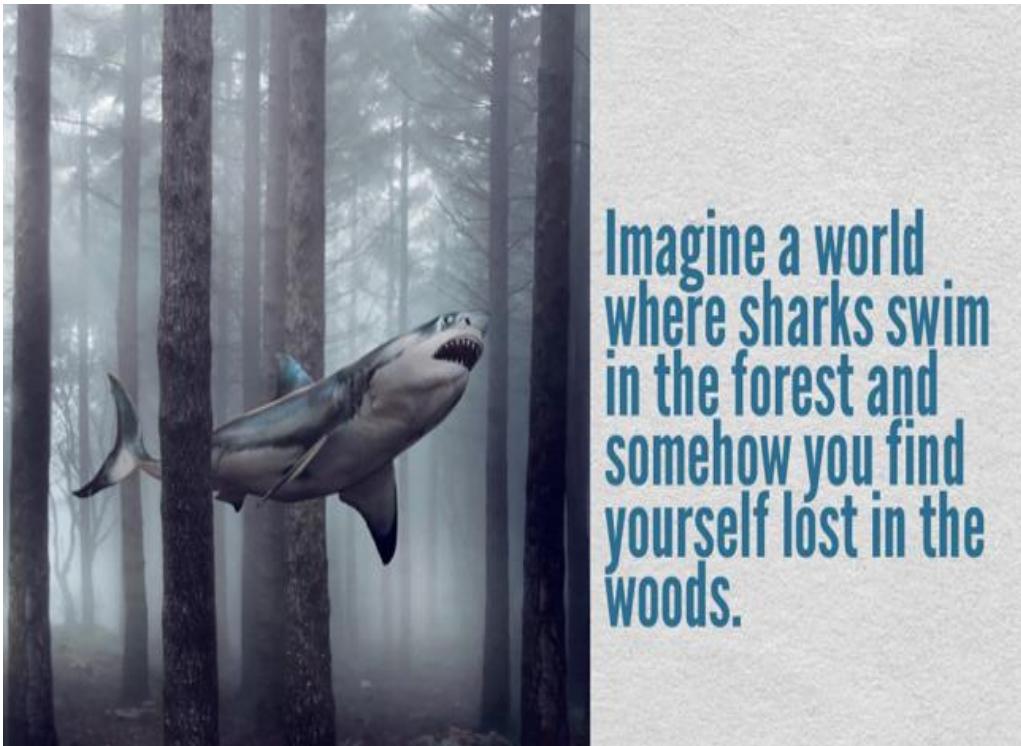
Read each of the rules carefully and write all the possible combinations for each question:

A	B	C
$a + m = 21$	$b - f = 50$	$ck = 60$
$a < m$	$b > f$	$c < k$
$10 < m < 20$	$69 < (b + f) < 91$	$(k - c) < 50$

Wednesday 25th March 2020

Year 6 Writing Practise

LI: To write the beginning of a narrative.



SC:

- Build suspense
- Vary openers (time words, adverbs, verbs, onomatopoeia)
- Include figurative language
- Include Year 6 vocabulary: aggressive, disastrous, controversy, lighting

Thursday 26th March 2020

Year 6 Non-fiction

LI: To explain reasons for an argument

This house would ban zoos

Do you oppose or propose? Why

Some people believe that...

However, others think that...

There is no doubt that...

Consequently...

An additional problem is...

Therefore...

On one hand...

On the other hand...



Friday 27th March 2020

Year 6 SPAG

LI: To identify formal and informal language

Formal	Informal
<i>They have been fighting all day.</i>	● <i>They've been fighting all day.</i>
<i>He is very busy.</i>	● <i>He's very busy.</i>
<i>Many different outcomes were planned for the company.</i>	● <i>I planned many different outcomes for the company.</i>
<i>It is felt that the target is unrealistic.</i>	● <i>We feel that the target is unrealistic.</i>
<i>The famous football team we saw in the airport flew to Europe.</i>	● <i>The famous football team whom we saw in the airport flew to Europe.</i>
<i>The secretary whom I talked to yesterday was very rude.</i>	● <i>The secretary I talked to yesterday was very rude.</i>

Which sentences are formal? Which are informal? Explain how you know.

I guarantee that your flight experience will be a positive one.

You're going to have a dead good trip.

When is the television programme scheduled to begin?

What time is that tv programme on?

The two boys were pretty nosey.

The two boys were rather curious.

Re-write these sentences making them more formal:

1. Sophie is a right pest.
2. I can't work out what his job is.
3. Tilly always butts into our chat.
4. She just couldn't be bothered to complete her work.