Year 3: Numeracy Day 1 Week 4

Each day, complete your times table starter. Then watch the video lesson, clicking through each round tab then complete the related worksheet.

Times Tables Starter

1. **Log into Times Tables Rock Stars and practice your 9x table**
2. **Use the following link to learn the 9x table hand trick and to complete the multiplication calculations below**

https://www.youtube.com/watch?v=WDtcNgow4Vc

$0 \times 9 =$ _____

$1 \times 9 =$ _____

$2 \times 9 =$ _____

$3 \times 9 =$ _____

$4 \times 9 =$ _____

$5 \times 9 =$ _____

$6 \times 9 =$ _____

$7 \times 9 =$ _____

$8 \times 9 =$ _____

$9 \times 9 =$ _____

$10 \times 9 =$ _____

Part A: add x or ÷

1) 10 ☐ ●●● = (array of red dots)

2) (array of stars) ☐ 3 = (array of stars)

3) $27 \div \Box = 3$

4) $\Box \times 3 = 30$

5) $3 \times \Box = 33$

6) $\Box \div 3 = 17$

Part B: Complete these fact families
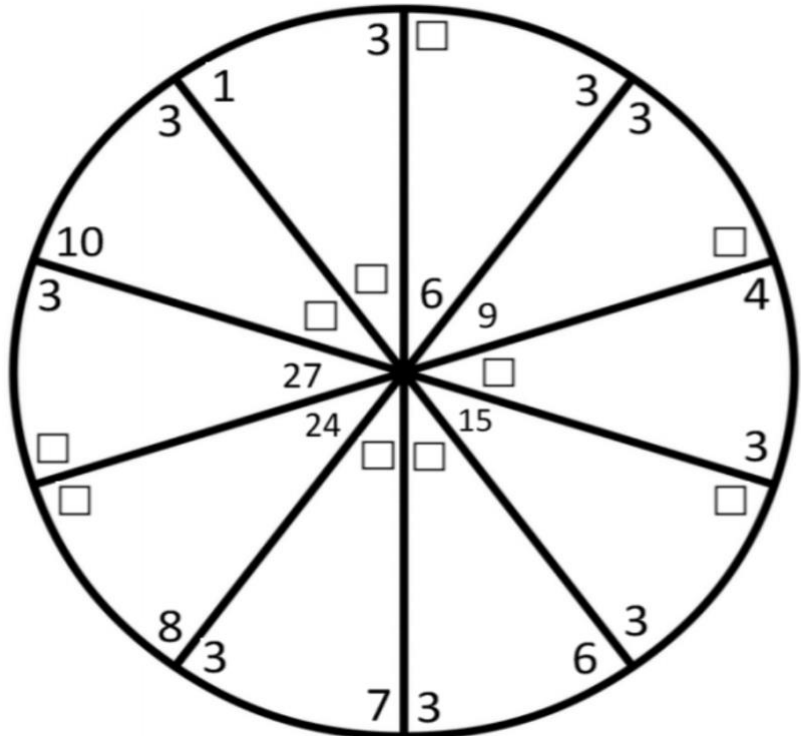
Each day, complete your times table starter. Then watch the video lesson, clicking through each round tab then complete the related worksheet.

Times Tables Starter

1. **Log into Times Tables Rock Stars and practice your 9x table**

2. **Complete the tasks below using your knowledge of the 9 times table**

Count in 9s and colour in the grid:

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108

Work out these answers:

a) $2 \times 9 =$ _____

b) $3 \times 9 =$ _____

c) $5 \times 9 =$ _____

d) $8 \times 9 =$ _____

e) $12 \times 9 =$ _____

f) $9 \times 9 =$ _____

Part A
Use your times-tables knowledge to complete this table

×			9	3
2	14			
			36	12
10		60		
5				15

Part B
Can you spot the mistakes below?
Can you correct them?
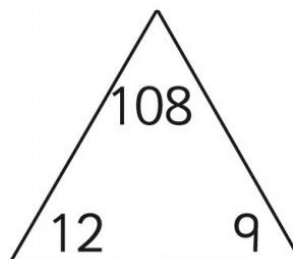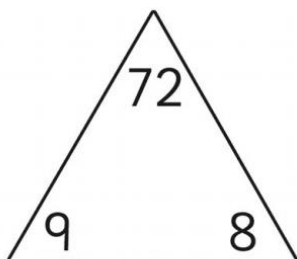
1) $4 \times 5 = 20$
2) $50 \div 5 = 5$
3) $4 \div 4 = 12$
4) $3 \times 5 = 15$
5) $9 \div 3 = 27$
6) $60 \div 6 = 10$
7) *I share 4 sweets equally among 12 friends. How many do each of them get?*

Year 3: Numeracy Day 3 Week 4

Each day, complete your times table starter. Then watch the video lesson, clicking through each round tab then complete the related worksheet.

Times Tables Starter

1. **Log into Times Tables Rock Stars and practice your 9x table**
2. **Complete the number sentences below using your knowledge of the 9 times table**

Triangle 1: 72 (top), 9 (bottom left), 8 (bottom right)

Triangle 2: 108 (top), 12 (bottom left), 9 (bottom right)

◯ X ◯ = ◯   ◯ X ◯ = ◯

◯ X ◯ = ◯   ◯ X ◯ = ◯

◯ ÷ ◯ = ◯   ◯ ÷ ◯ = ◯

◯ ÷ ◯ = ◯   ◯ ÷ ◯ = ◯

Main Task

Multiplication and Division

Part A

1) 4 children each receive 6 gold stars for their wonderful Maths work.
   How many gold stars were received in total?

2) 8 groups of 3 people booked to go to the cinema. How many people went in total?

3) 44 seeds are shared equally between 11 pots. HOw many seeds were put into each pot?
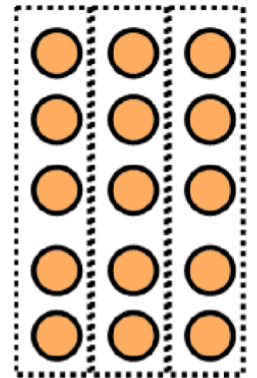
Part B

1) Which of these does this array NOT show?
   5 x 3 = 15
   15 ÷ 5 = 3
   3 x 5 = 15
   5 + 3 = 8

2) Write a division calculation using the same 'fact families'
   4 x 5 = 20
   8 x 4 = 32
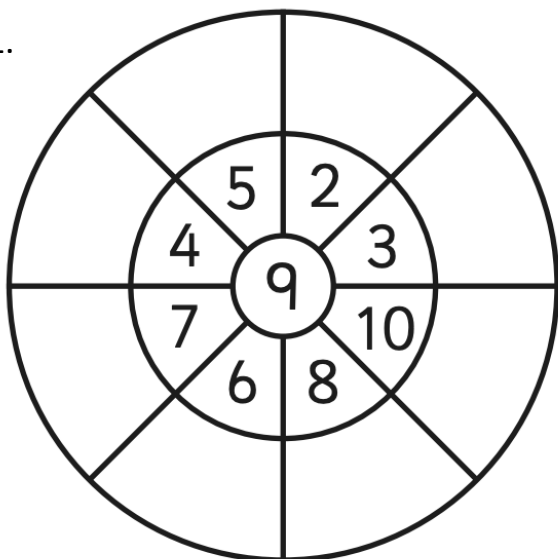   12 x 3 = 36

Each day, complete your times table starter. Then watch the video lesson, clicking through each round tab then complete the related worksheet.
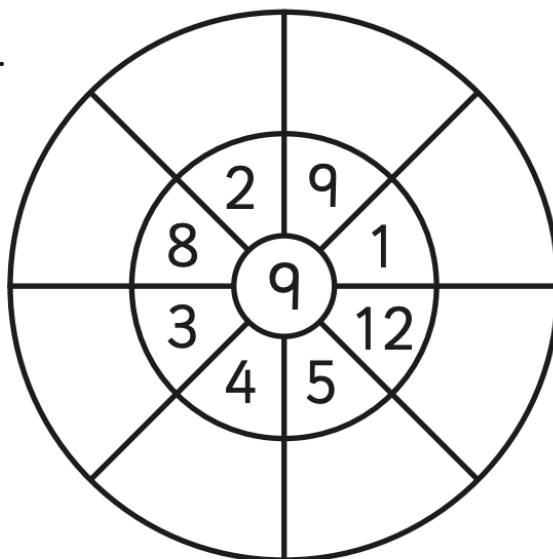
Times Tables Starter

1. **Log into Times Tables Rock Stars and practice your 9x table**
2. **Complete the multiplication wheels below using your knowledge of the 9 times table**

1.

Wheel with centre 9, inner values: 5, 2, 3, 10, 8, 6, 7, 4

3.

Wheel with centre 9, inner values: 2, 9, 1, 12, 5, 4, 3, 8

2.

Wheel with centre 9, inner values: 10, 9, 6, 11, 7, 5, 8, 3

4.

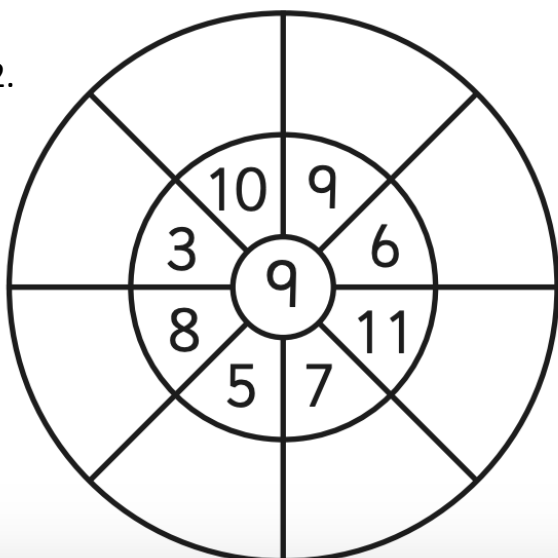
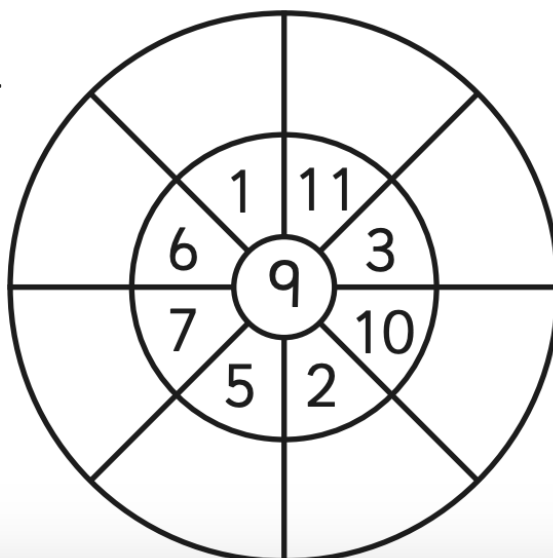Wheel with centre 9, inner values: 1, 11, 3, 10, 2, 5, 7, 6

Main Task

Multiplication and Division

https://classroom.thenational.academy/lessons/consolidating-multiplication-and-division-knowledge-part-2-cdhk0t

Part A
Use what you know about doubling and making ten times bigger to answer these questions

30 x 6 =
4 x 8 =
2 x 90 =
3 x 12 =
60 x 5 =
6 x 3 =
5 x 50 =

Part B
Spot the mistake below
1) 4 x 20 = 80
2) 90 x 3 = 207
3) 3 x 40 = 120

Draw a bar-model to help you answer these questions
1) 24 tomatoes are split equally to 3 plates. How many are on each plate?

2) During a race Maid Marion won in 8 seconds but it took Robin Hood 3 times as long. How long did Robin Hood take?

Year 3: Numeracy Day 5 Week 4

Each day, complete your times table starter. Then watch the video lesson, clicking through each round tab then complete the related worksheet.

Times Tables Starter

1. **Log into Times Tables Rock Stars and practice your 9x table**
2. **Complete the multiplication calculations below using your knowledge of the 9 times table**

$9 \times \underline{\quad} = 18$ $9 \times \underline{\quad} = 90$ $9 \times \underline{\quad} = 9$

$9 \times \underline{\quad} = 90$ $9 \times \underline{\quad} = 54$ $9 \times \underline{\quad} = 54$

$9 \times \underline{\quad} = 0$ $9 \times \underline{\quad} = 45$ $9 \times \underline{\quad} = 90$

$9 \times \underline{\quad} = 9$ $9 \times \underline{\quad} = 18$ $9 \times \underline{\quad} = 18$

$9 \times \underline{\quad} = 72$ $9 \times \underline{\quad} = 0$ $9 \times \underline{\quad} = 45$

Part A

1) Can 8 be shared equally between 5 people? How do you know?

2) Can 4 people will get an equal number from 12 coins?

3) How many people can share 15 coins equally?

4) Is 9 divisible by 2?
   ### Challenge
5) If 6 people share 13 coins, how many will be left over?

Part B
How can these coins be split equally?

16 coins   32 coins   9 coins   21 coins

Part C Challenge -

Robin Hood has a number of gold coins.

He has between 35 and 55.

When he counts them in groups of six, he has two left over.

He counts them in groups of four and has two left over.

He counts them in groups of five and has no coins left over.

How many coins does Robin Hood have?