Year 3: Numeracy Week 3 Day 1

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

Times Tables Starter

1. **Log into Times Tables Rock Stars and practise your 4x tables**
2. **Give yourself 2 minutes and record your answers to the questions below. Record your scores out of 15. Good luck!**

Results: ___/15

$2 \times 4 = $ _____ $6 \times 4 = $ _____

$4 \times 10 = $ _____ $4 \times 4 = $ _____

$4 \times 3 = $ _____ $3 \times 4 = $ _____

$1 \times 4 = $ _____ $4 \times 6 = $ _____

$4 \times 2 = $ _____ $9 \times 4 = $ _____

$4 \times 1 = $ _____ $5 \times 4 = $ _____

$4 \times 12 = $ _____ $4 \times 7 = $ _____

$4 \times 8 = $ _____ $4 \times 9 = $ _____

$11 \times 4 = $ _____ $8 \times 4 = $ _____

$12 \times 4 = $ _____ $4 \times 5 = $ _____

Main Task

Multiplication

Part A

1.

$\boxed{} \times \boxed{} = \boxed{}$
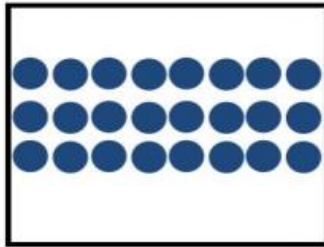
2.

$\boxed{} \times \boxed{} = \boxed{}$
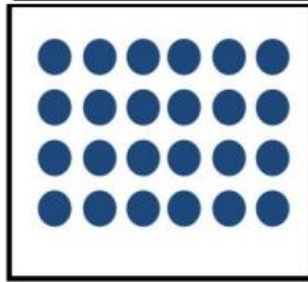
3.

$\boxed{} = 3 \times 9$
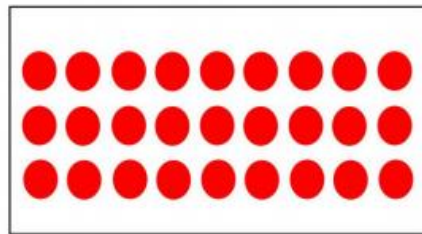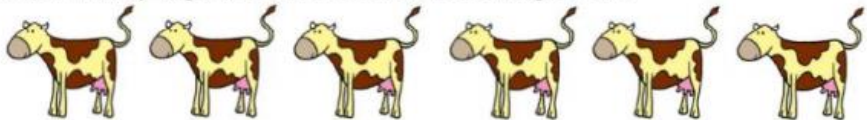
Part B

1. There are 6 cows in a field. How many legs do the 6 cows have altogether?

   (Each cow has 4 legs.)

   $\boxed{} \times \boxed{} = \boxed{}$

2. Which array does not show this calculation?

   $7 \times 3 = 21$

Year 3: Numeracy Week 3 Day 2

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

Times Tables Starter

1. Log into Times Tables Rock Stars and practise your 6x tables

2. Fill in the answers to the questions below. Write your answers below the image.

1.

☐
÷ ÷
3 × 6

2.

42
÷ ÷
☐ × 6

3.

☐
÷ ÷
6 × 9

4.

6
÷ ÷
1 × ☐

5.

72
÷ ÷
☐ × 6

6.

30
÷ ÷
6 × ☐

7.

☐
÷ ÷
6 × 6

8.

12
÷ ÷
☐ × 2

9.

☐
÷ ÷
6 × 11

Main Task

Multiplication

Part A
Write a multiplication and division question and answer for each

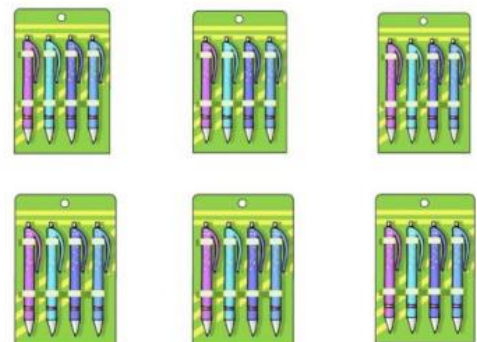1. The whole is 24. Each equal part represents 8. There are 3 equal parts.

1. The whole is 15. There are 3 equal parts. Each equal part represents 5.
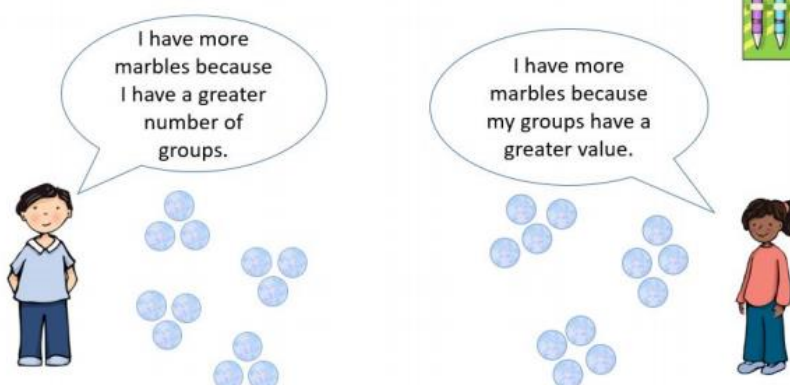
1. The whole is 25. There are 5 equal parts.

1. There are 4 equals parts. Each equal part represents 3.

Part B
1) Write a multiplication and division calculation for this pens image

1) Who is correct?

I have more marbles because I have a greater number of groups.

I have more marbles because my groups have a greater value.

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

Times Tables Starter

1. **Log into Times Tables Rock Stars and practise your 8x tables**
2. **Complete the tasks below using your knowledge of the 4 times tables**

Work out these answers:
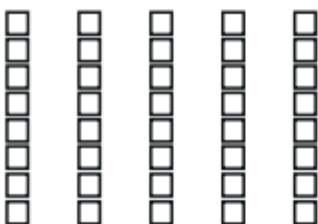
a) $2 \times 8 =$ _____

b) $10 \times 8 =$ _____
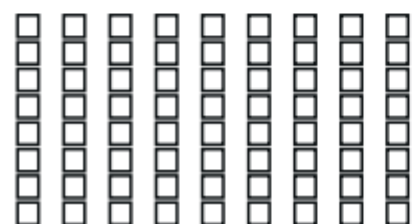
c) $5 \times 8 =$ _____

d) $8 \times 8 =$ _____

e) $7 \times 8 =$ _____

f) $12 \times 8 =$ _____

How many blocks are there?

a) _____ X _____ = _____

b) _____ X _____ = _____

c) _____ X _____ = _____

Main Task

Multiplication

https://classroom.thenational.academy/lessons/using-the-inverse-operation-to-find-missing-numbers-cgt32c

1. 4 × 9 = ◯

2. ◯ × 3 = 21

3. 8 × ◯ = 32
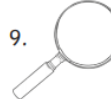
4. 3 × 6 = ◯

5. 8 × ◯ = 40

6. 11 × 4 = ◯

7. ◯ × 3 = 27

8. 4 × ◯ = 28

9. ◯ × 8 = 80

10. 3 × ◯ = 36

11. 5 × 4 = ◯

12. 8 × 11 = ◯

Year 3: Numeracy Week 3 Day 4

Each day, complete your times table starter. Watch the video lesson, click through each tab andthen complete the related worksheet.

Times Tables Starter

1. **Log into Times Tables Rock Stars and practise your 9x tables**
2. **Watch the following video**
   https://www.youtube.com/watch?v=sZHjuf75u20
   Can you write another trick to help you understand the 9 times tables?

Main Task

Multiplication

https://classroom.thenational.academy/lessons/using-bar-models-to-represent-known-times-tables-6tj62e

Part A
Use these arrays to create bar-models and answer these multiplication questions

1. There are 3 school bags with 5 books in each. How many books are there altogether?

1. There are 3 bags each with 3 sweets in each. How many sweets are there altogether?

Draw your own bar-models to answer these questions
1. There are 9 rows on an plane. Each row holds 4 people. What is the total number of passengers the plane can take?

1. Nigel needs 4 eggs to make a cake. How many eggs does he need to make 6 cakes?

Part C - Challenge
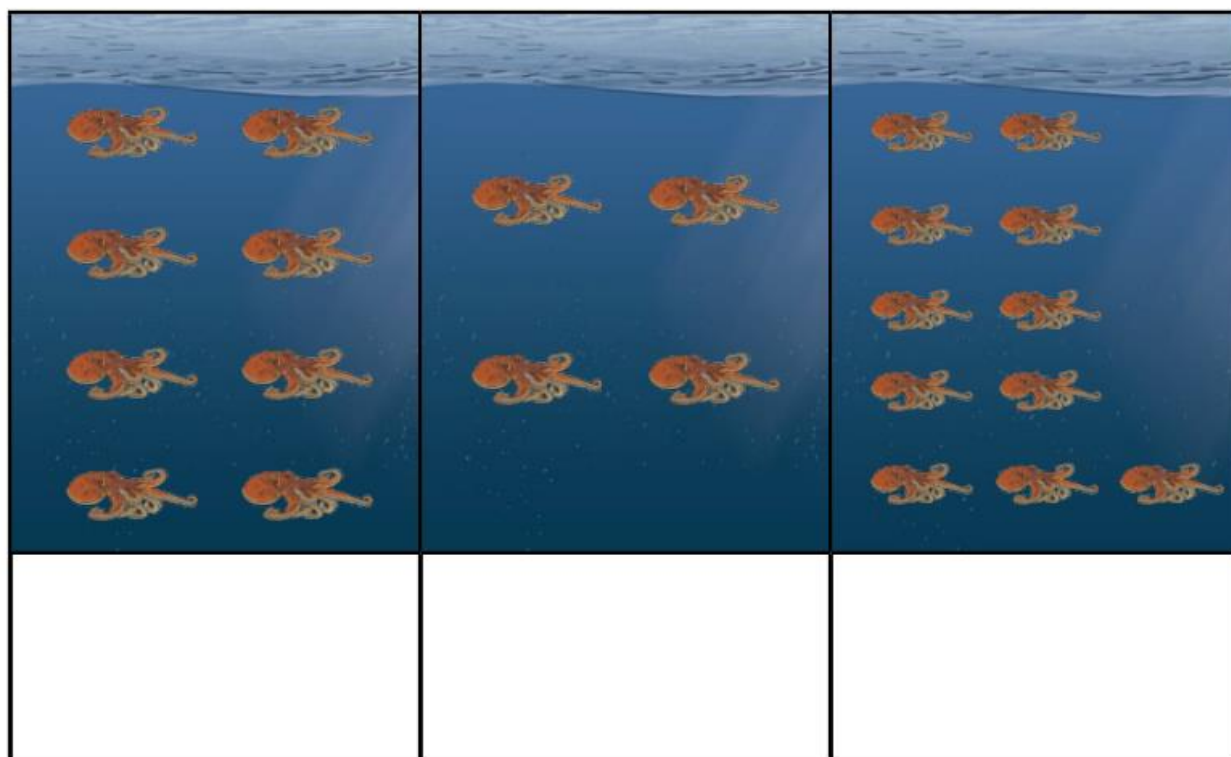What question might this bar model be used to answer?
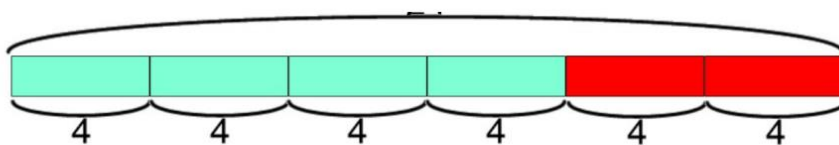
Each day, complete your times table starter. Watch the video lesson, click through each round tab then complete the related worksheet.

Times Tables Starter

1. **Log into Times Tables Rock Stars and practise your 8x tables**
2. **Complete the questions below. Remember that an octopus has 8 tentacles.**

1) How many tentacles are there in each tank? Write the calculation you used to find the total.

Main Task

Multiplication

https://classroom.thenational.academy/lessons/understanding-multiplication-can-be-completed-in-any-order-68rp6c

1. A teacher asks some children to arrange some chairs into 12 rows of eight chairs. How many chairs will be laid out?

   _____

2. A crate contains 32 packs of four water bottles. How many bottles are there on each crate?

   _____

3. A photo album contains 28 pages. Each page can hold six photos. How many photos can each album hold?

   _____

4. A grocer has 37 packs of bananas. Each pack contains seven bananas. How many bananas are in the packs?

   _____

5. Marbles are sold in bags of 25. A shop has 16 bags. How many marbles are there altogether?