

Step 1: 11 and 12 Times Table

Lesson Objective

- Lesson Objective: To be able to explore the 11 and 12 times table.

Introduction

Circle the incorrect multiplications below.

$1 \times 9 = 9$

$10 \times 9 = 9$

$2 \times 2 = 4$

$3 \times 9 = 26$

$10 \times 6 = 66$

$2 \times 9 = 18$

$7 \times 9 = 63$

$10 \times 5 = 50$

$2 \times 7 = 15$

$10 \times 9 = 99$

$10 \times 3 = 30$

$2 \times 11 = 24$

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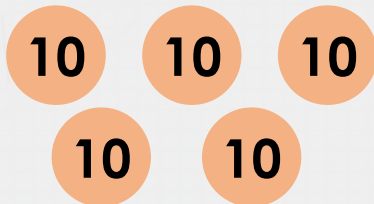
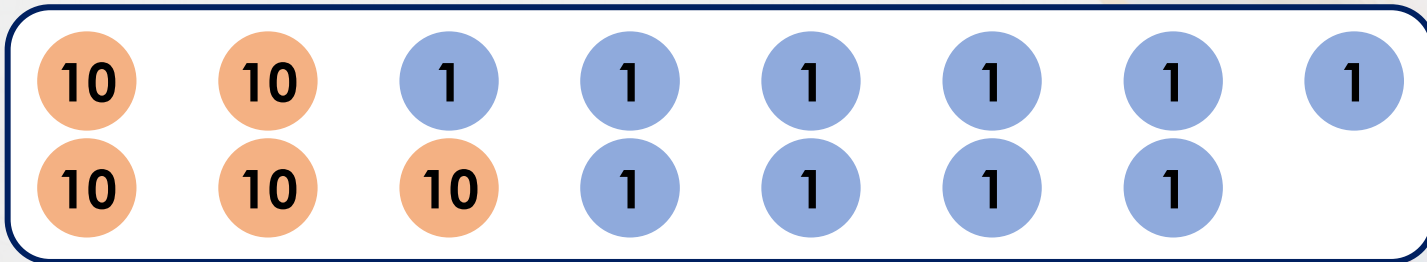
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$10 \times 3 = 30$

$2 \times 11 = 24$

Varied Fluency 1

Complete 5×12 , by partitioning it into tens and ones.



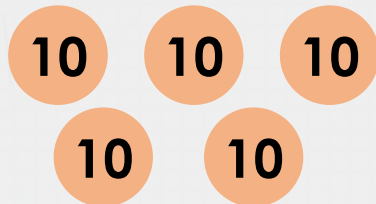
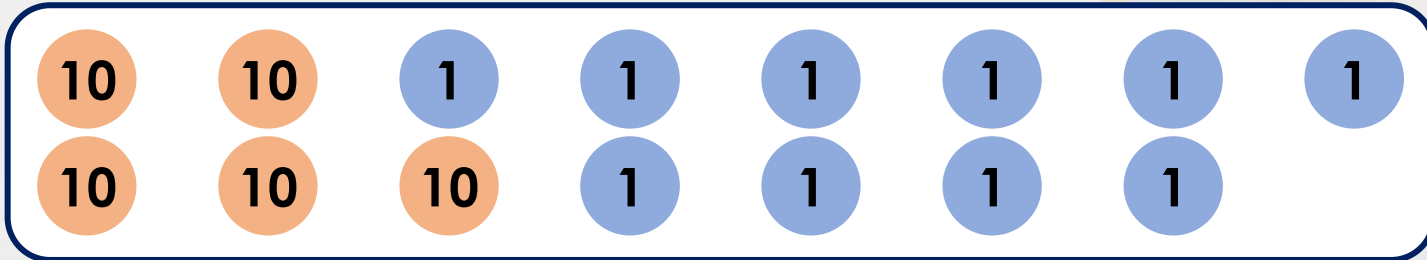
10 ones

+

=

Varied Fluency 1

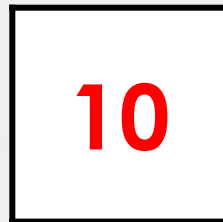
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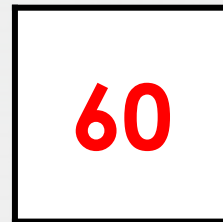
10 ones



+



=



Varied Fluency 2

Fill in the grid to find the answer.

| | | |
|----------|-----------|----------|
| x | 10 | 1 |
| 8 | | |

$$11 \times 8 =$$

Varied Fluency 2

Fill in the grid to find the answer.

| | | |
|----------|-----------|----------|
| x | 10 | 1 |
| 8 | 80 | 8 |

$$11 \times 8 = 88$$

Varied Fluency 3

Use $>$, $<$ or $=$ to make each statement correct.

$96 \div 12$

$88 \div 11$

5×11

4×12

12×12

$132 \div 11$

Varied Fluency 3

Use $>$, $<$ or $=$ to make each statement correct.

$96 \div 12$

 $=$

$88 \div 11$

5×11

 $>$

4×12

12×12

 $>$

$132 \div 11$

Varied Fluency 4

Complete the missing numbers.

A. x 12 = 24

B. 11 x 9 =

C. 9 = ÷ 11

D. ÷ 12 = 2

Varied Fluency 4

Complete the missing numbers.

A. $\boxed{2} \times 12 = 24$

B. $11 \times 9 = \boxed{99}$

C. $9 = \boxed{99} \div 11$

D. $\boxed{24} \div 12 = 2$

Problem Solving 1

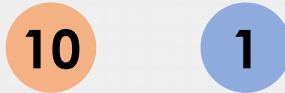
Write number sentences to describe five equal groups of the place value counters shown below.



$$\square \times \square = \square$$



$$\square \times \square = \square$$



$$\square \div \square = \square$$

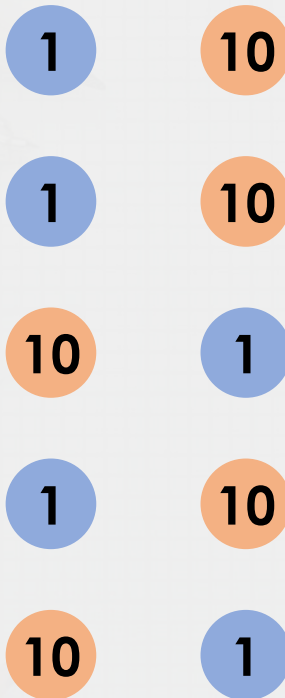


$$\square \div \square = \square$$



Problem Solving 1

Write number sentences to describe five equal groups of the place value counters shown below.



$$\begin{array}{l} \boxed{5} \times \boxed{11} = \boxed{55} \\ \boxed{11} \times \boxed{5} = \boxed{55} \\ \boxed{55} \div \boxed{5} = \boxed{11} \\ \boxed{55} \div \boxed{11} = \boxed{5} \end{array}$$

Tasks

- Red Task - I can count in 11s and 12s and colour the appropriate boxes in the grids.
- Yellow Task - I can use my knowledge of my 11 and 12 times-tables to complete the missing gaps.
- Green Task - I can explore the 11 and 12 times-tables and can provide reasoning to justify my answers.