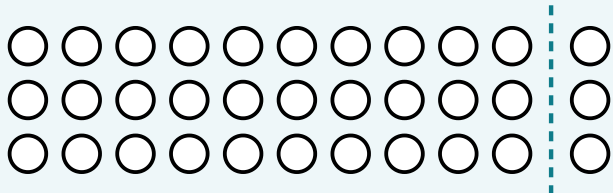


Multiply by 11

Use the 11s pattern to help you. Write each answer in its box.

1 Learn the 11s.

3 rows of 11



$$3 \times 11 = 33$$

PATTERN

Use 10 in each row, then 1 more:

$$3 \times 10 = 30, \text{ and } 30 + 3 = 33.$$

Up to 9×11 , the digit repeats: $4 \times 11 = 44$.

2 Multiply.

$4 \times 11 =$	$11 \times 10 =$	$9 \times 11 =$	$11 \times 5 =$
$11 \times 12 =$	$2 \times 11 =$	$11 \times 3 =$	$11 \times 1 =$
$11 \times 8 =$	$3 \times 11 =$	$11 \times 2 =$	$11 \times 9 =$
$11 \times 6 =$	$11 \times 7 =$	$6 \times 11 =$	$11 \times 4 =$
$11 \times 11 =$	$12 \times 11 =$	$5 \times 11 =$	$7 \times 11 =$
$11 \times 0 =$	$8 \times 11 =$	$1 \times 11 =$	$10 \times 11 =$

3 Find the missing factor.

$\times 11 = 121$	$11 \times$ $= 99$	$\times 11 = 55$	$11 \times$ $= 44$	$\times 11 = 22$
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4 Solve the story.

There are 5 teams at the soccer festival. Each team has 11 players. How many players are there?

$\times$ $=$ players

