## Build/Draw/Write to Multiply and Divide Numbers to 10

(Note: Different problems may be represented in each progression.)

Multiply numbers from 0 to 10 (3.OA.7a)


Think equal groups and skip count: " $3,6,9,12$ " or " $4,8,12$ "

$5 \times 7=\underline{35}$
Area model drawing with break-aparts at 5: " $5 \times 5+5 \times 2$ "
" 4 times 5 is 20 and 4 times 2 is 8 "
" 20 plus 8 equals 28 "


Divide numbers by $\mathbf{1}$ to 10 (3.OA.7b)


Think multiply to divide: "3 groups of what?"


8 ft .

48 cupcakes...each box holds 6 cupcakes

" 7 times what number equals 42?"

## Build/Draw/Write to Multiply Multi-digit Numbers

(Note: Different problems may be represented in each progression.)

Multiply up to a 4-digit by a 1-digit number and two 2-digit numbers (4.NBT.5)


Multiply multi-digit numbers (5.NBT.5)




## Build/Draw/Write to Divide Multi-digit Numbers

(Note: Different problems may be represented in each progression.)

Divide up to a 4-digit number by a 1-digit number (4.NBT.6)
ind the total

448 ounces is 7 groups of how many?

| $7 \times 1=7$ | 4 |
| :--- | ---: |
| $7 \times 2=14$ | 64 Cups |
| $7 \times 3=21$ | 60 |
| $7 \times 4=28$ | $-\frac{448}{420}$ |
| $7 \times 5=35$ |  |
| $7 \times 6=42$ |  |
| $7 \times 7=49$ |  |
| $7 \times 8=56$ | $-\quad 28$ |
| $7 \times 9$ |  |

$7 \times 9=63$
$7 \times 10=70$

## Build/Draw/Write to Divide Multi-digit Numbers: <br> $6^{\text {th }}$ Grade Readiness

(Note: Different problems may be represented in each progression.)

Divide 4-digit numbers (5.NBT.6)

Prepare to Divide


92


Find each Sub-total


Find the total

15 boxes of $\qquad$ is 3240 total golf balls?
$15 \times 1=15$

200
$1 5 \longdiv { 3 2 4 0 }$
$\begin{array}{r}3000 \\ \hline\end{array}$
$\underline{240}$
150
$-\quad 1$
90

- 90

