

# Power <br> Maths <br>  

## Starter for 10

Draw a line that is:

- 5 cm long
- 8 cm long
- Longer than 4 cm but shorter than 7 cm .


## DATE 13.07.2020

 partitioning into tens and ones (VF)
## Success Steps:

1. Identify the divisor.
2. Partition the dividend into tens and ones.
3. Use related multiplication facts to divide the tens by the divisor.
4. Divide the ones by the divisor.
5. Recombine the answers to find the quotient.

## VF

## Think Aloud

$$
\begin{aligned}
& 63 \div 3=21 \\
& 60-3=20 \\
& \left.3 \div 3=\frac{1}{2}\right)
\end{aligned}
$$

## Success Steps:

1. Identify the divisor. /
2. Partition the dividend into tens and ones.
3. Use related multiplication facts to divide the tens by the divisor.
4. Divide the ones by the divisor.
5. Recombine the answers to find the quotient.

## Guided Practice

## $48 \div 2=$ <br> $84 \div 4=$



## Success Steps:

1. Identify the divisor.
2. Partition the dividend into tens and ones.
3. Use related multiplication facts to divide the tens by the divisor.
4. Divide the ones by the divisor.
5. Recombine the answers to find the quotient.


Partner Practice

## VF

## Success Steps:

1. Identify the divisor.
2. Partition the dividend into tens and ones.
3. Use related multiplication
facts to divide the tens by
4. Use related multiplication
facts to divide the tens by

5. Divide the ones by the


$$
F
$$ divisor.

5. Recombine the answers to find the quotient.

## the divisor.

$\square$ find the quotient.
$\square$

## y the

 ras
$\square$ $\square$


## 


$\square 5$

$\xrightarrow{5}$ <br> $$
\begin{aligned}
& 96 \div 3= \\
& 42 \div 2=
\end{aligned}
$$ <br> \section*{$96 \div 3=$ <br> \section*{$96 \div 3=$ <br> <br> $42 \div 2=$ <br> <br> $42 \div 2=$ <br>  <br> <br> } <br> <br> }


-


2


$\qquad$ -

$\qquad$
$\qquad$
$\qquad$ (
$\qquad$
$\qquad$
$\qquad$ (
$88 \div 8=$
$68 \div 2=$
$99 \div 3=$

## VF

## Think Aloud

$$
\begin{aligned}
& 42 \div 3=14 \\
& 30 \div 3=10 \\
& 12 \div 3=4
\end{aligned}
$$

## Success Steps:

1. Identify the divisor.
2. Split the dividend using multiples of the divisor.
3. Use related multiplication facts to divide the tens by the divisor.
4. Divide the ones by the divisor.
5. Recombine the answers to find the quotient.

## Guided Practice

## $34 \div 2=$

## $70 \div 5=$

## JOB DONE

## Success Steps:

1. Identify the divisor.
2. Split the dividend using multiples of the divisor.
3. Use related multiplication facts to divide the tens by the divisor.
4. Divide the ones by the divisor.
5. Recombine the answers to find the quotient.

都





 Success Steps：
1．Identify the divisor．
2． $\begin{aligned} & \text { Split the dividend using } \\ & \text { multiples of the divisor．} \\ & \text { divide the tens by the } \\ & \text { Divide the ones by the } \\ & \text { divisor．} \\ & \text { Recombine the answers } \\ & \text { to find the quotient．}\end{aligned}$
5． Success Steps：
1．Identify the divisor．
2． $\begin{aligned} & \text { Split the dividend using } \\ & \text { multiples of the divisor．} \\ & \text { divide the tens by the } \\ & \text { Divide the ones by the } \\ & \text { divisor．} \\ & \text { Recombine the answers } \\ & \text { to find the quotient．}\end{aligned}$
5． Success Steps：
1．Identify the divisor．
2． $\begin{aligned} & \text { Split the dividend using } \\ & \text { multiples of the divisor．} \\ & \text { divide the tens by the } \\ & \text { Divide the ones by the } \\ & \text { divisor．} \\ & \text { Recombine the answers } \\ & \text { to find the quotient．}\end{aligned}$
5． Success Steps：
1．Identify the divisor．
2． $\begin{aligned} & \text { Split the dividend using } \\ & \text { multiples of the divisor．} \\ & \text { divide the tens by the } \\ & \text { Divide the ones by the } \\ & \text { divisor．} \\ & \text { Recombine the answers } \\ & \text { to find the quotient．}\end{aligned}$
5．




## $56 \div 4=$       $\begin{array}{ll}\text { Success Steps：} \\ & \begin{array}{ll}\text { 1．Identify the divisor．} \\ \text { 2．} & \begin{array}{l}\text { Split the dividend using } \\ \text { multiples of the divisor．}\end{array} \\ \text { 3．} \begin{array}{l}\text { Use related } \\ \text { multiplication facts to } \\ \text { divide the tens by the } \\ \text { divisor．} \\ \text { Divide the ones by the } \\ \text { divisor．}\end{array} \\ \text { 5．} \begin{array}{l}\text { Recombine the answers } \\ \text { to find the quotient．}\end{array} \\ \end{array}\end{array}$ $\begin{array}{ll}\text { Success Steps：} \\ & \begin{array}{l}\text { 1．} \begin{array}{l}\text { Identify the divisor．} \\ \text { 2．} \\ \text { Split the dividend using } \\ \text { multiples of the divisor．} \\ \text { Use related } \\ \text { multiplication facts to } \\ \text { divide the tens by the } \\ \text { divisor．}\end{array} \\ \text { 4．} \begin{array}{l}\text { Divide the ones by the } \\ \text { divisor．} \\ \text { 5．Recombine the answers } \\ \text { to find the quotient．}\end{array} \\ \end{array}\end{array}$ $\begin{array}{ll}\text { Success Steps：} \\ & \text { 1．Identify the divisor．} \\ \text { 2．} \begin{array}{l}\text { Split the dividend using } \\ \text { multiples of the divisor．}\end{array} \\ & \begin{array}{l}\text { 3．} \begin{array}{l}\text { Use related } \\ \text { multiplication facts to } \\ \text { divide the tens by the } \\ \text { divisor．}\end{array} \\ \\ \text { 4．} \begin{array}{l}\text { Divide the ones by the } \\ \text { divisor．} \\ \text { Recombine the answers } \\ \text { to find the quotient．}\end{array} \\ \end{array}\end{array}$ Success Steps： 1．Identify the divisor． 2．Split the dividend using 3． $\begin{aligned} & \text { multiples of the divisor．} \\ & \text { divide the tens by the } \\ & \text { diver } \\ & \text { Divide the ones by the } \\ & \text { divisor．} \\ & \text { Recombine the answers }\end{aligned}$ 5． Success Steps： 1．Identify the divisor． 2．Split the dividend using 3． $\begin{aligned} & \text { multiples of the divisor．} \\ & \text { divide the tens by the } \\ & \text { divisor．} \\ & \text { Divide the ones by the } \\ & \text { divisor．} \\ & \text { 2．} \\ & \text { recombine the answers } \\ & \text { to find the quotient．}\end{aligned}$ Success Steps： 1．Identify the divisor． 2．Split the dividend using 3． $\begin{aligned} & \text { multiples of the divisor．} \\ & \text { divide the tens by the } \\ & \text { diver } \\ & \text { Divide the ones by the } \\ & \text { divisor．} \\ & \text { Recombine the answers }\end{aligned}$ 5． Success Steps： 1．Identify the divisor． 2．Split the dividend using 3． $\begin{aligned} & \text { multiples of the divisor．} \\ & \text { divide the tens by the } \\ & \text { diver } \\ & \text { Divide the ones by the } \\ & \text { divisor．} \\ & \text { Recombine the answers }\end{aligned}$ 5． Success Steps： 1．Identify the divisor． 2．Split the dividend using 3． $\begin{aligned} & \text { multiples of the divisor．} \\ & \text { divide the tens by the } \\ & \text { diver } \\ & \text { Divide the ones by the } \\ & \text { divisor．} \\ & \text { Recombine the answers }\end{aligned}$ 5． Success Steps： 1．Identify the divisor． 2．Split the dividend using 3． $\begin{aligned} & \text { multiples of the divisor．} \\ & \text { divide the tens by the } \\ & \text { diver } \\ & \text { Divide the ones by the } \\ & \text { divisor．} \\ & \text { Recombine the answers }\end{aligned}$ 5． $$
51 \div 3=
$$ <br> $51 \div 3=$

 <br> $51 \div 3=$}$$
\begin{aligned}
& \text { P rent } \\
& \hline
\end{aligned}
$$ Success Steps：

1．Identify the divisor．
2．Split the dividend using
3． $\begin{aligned} & \text { multiples of the divisor．} \\ & \text { divide the tens by the } \\ & \text { diver } \\ & \text { Divide the ones by the } \\ & \text { divisor．} \\ & \text { Recombine the answers }\end{aligned}$

5． | Success Steps： |  |
| :--- | :--- |
|  | 1．Identify the divisor． |
|  | 2． $\begin{array}{l}\text { Split the dividend using } \\ \text { multiples of the divisor．}\end{array}$ |
|  | $\begin{array}{l}\text { Use related } \\ \text { multiplication facts to } \\ \text { divide the tens by the } \\ \text { divisor．}\end{array}$ |
|  | $\begin{array}{l}\text { Divide the ones by the } \\ \text { divisor．} \\ \text { Recombine the answers } \\ \text { to find the quotient．}\end{array}$ |路

都 Success Steps：
1．Identify the divisor．
2．Split the dividend using
3． $\begin{aligned} & \text { multiples of the divisor．} \\ & \text { divide the tens by the } \\ & \text { diver } \\ & \text { Divide the ones by the } \\ & \text { divisor．} \\ & \text { Recombine the answers }\end{aligned}$
5．


## Partner Practice

EXPLAIN AND
$4=$
$4=$
$4=$




## Challenge

## $72 \div 4=$ <br> $96 \div 8=$ <br> $52 \div 4=$

Amir partitioned a number to help him divide by 8

Some of his working out has been covered with paint.

What number could Amir have started with?
(®)


