$\qquad$
bar
144
groups

number line


144

If I know $12 \times 12=144$ then I also know...

$\square$ $=144$
$144=$ $\square$ $x$ $\square$
$\square$ $\div$ $\square$
$=$ $\square$ $\square \div$ $\qquad$ is a factor of $\qquad$

$$
\square
$$

$\square$

$$
\begin{aligned}
& 12 \times 1 \\
& \text { \# } \#_{\square}^{+\# \#}
\end{aligned}
$$

$$
=\square+\square
$$

$$
=
$$

$$
12 \times 12=12 \times \square+12 \times \square
$$

$\square$
$\square$
$\square$

$$
=
$$

$$
]+[
$$

$\square$

$$
=
$$

$\square$

$$
\begin{array}{r}
12 \times 12= \\
\\
= \\
\\
=
\end{array}
$$

$\square$
$12 \times 12=12 \times$ $\square$ $+12 x$ $\square$

$$
=
$$

$\square$
$\square$
$\square$

$$
=
$$

$$
\begin{aligned}
& 120=\square \div 12 \\
& 1440=\square \times 12 \\
& 12=\square \div 120 \\
& \square \times 12=144 \\
& \frac{1}{12} \text { of } \square=12
\end{aligned}
$$ for 144 people?

Sob jogs the same distance each Sob jogs the same distance each
month. If he jogs 1440 km in a year
how far does he jog each month? Seb jogs the same distance each
month. If he jogs 1440 km in a year
how far does he jog each month? How many sides are there in total on twelve dodecagons?(12 sided shapes)
True or false? $12 \times 12$ is double $6 \times 6$

Dissect it
$\square$

A snakes and ladders board has 12 rows of 12 squares. How many squares are on the board?

Each minibus can carry 12 people. How many minibuses are needed
$\qquad$ is a multiple of








$\qquad$
groups


If I know $12 \times 4=48$ then I also know...

multiplied by $\qquad$ is $\qquad$
$\square \times$ $\square$ $=48$
$48=$ $\square$ x $\square$
$48=$ $\square$
$\square$
$\square$ $\div$ $\square$ = $\square$
$\square$ $\square$
$\square$
$\square$
$\qquad$ and $\qquad$ are factors of $\qquad$
$\qquad$ is a multiple of
groups of is $\qquad$

$$
x
$$

_ shared equally between 12 is
_ put into groups of 12 is $\qquad$

$$
\div[
$$

$\qquad$ and
$\qquad$ each groups of 12

$$
\begin{gathered}
40=\square \div 12 \\
4800=\square \times 12 \\
12=\square \div 40 \\
\square \times 12=4800 \\
\frac{1}{12} \text { of } \square=40 \\
\text { an True or false? } \\
\text { Tin } 48 \div 12=24 \div 6
\end{gathered}
$$

There are 12 horses in a paddock. How many legs do they have in total?

12 people travel in each minibus. How many minibuses are needed for 48 people?

Twelve concert tickets cost $£ 480$. How much did they cost each?

Each pack of herbs weighs 120 g . How much will 4 packs of herbs weigh altogether?



