

Using Arrays to Divide



Quick Review

There are 6 stools.
They will be put into equal rows.
How many stools could be in each row?

You can make an array to show each way.

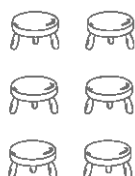
2 rows of 3



2 rows of
3 stools

$$6 \div 2 = 3$$

3 rows of 2



3 rows of
2 stools

$$6 \div 3 = 2$$

1 row of 6



1 row of
6 stools

$$6 \div 1 = 6$$

6 rows of 1



6 rows of

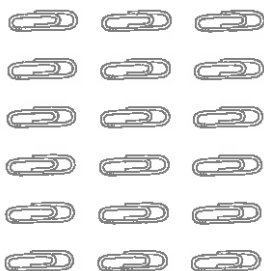
1 stool

$$6 \div 6 = 1$$

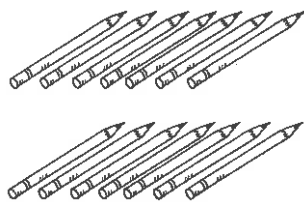
Try These

1. Use the array to complete the sentence.

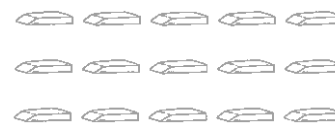
a) $18 \div 6 =$ _____



b) $14 \div 2 =$ _____

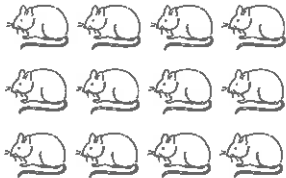




c) $15 \div 3 =$ _____



Practice

1. Write a division sentence for each array.

<p>a)</p>  <p>_____</p>	<p>b)</p>  <p>_____</p>	<p>c)</p>  <p>_____</p>
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2. Draw an array for each division sentence.

<p>a) $15 \div 5 =$ _____</p>	<p>b) $12 \div 2 =$ _____</p>	<p>c) $24 \div 6 =$ _____</p>
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3. Use counters. Make an array to find each answer.

- | | | |
|------------------------|------------------------|------------------------|
| a) $20 \div 4 =$ _____ | b) $16 \div 2 =$ _____ | c) $6 \div 1 =$ _____ |
| d) $18 \div 9 =$ _____ | e) $30 \div 5 =$ _____ | f) $28 \div 7 =$ _____ |

Stretch Your Thinking

There are 24 members in the Boy Scout troop.
 They will march in the parade in equal rows.
 How many Boy Scouts could be in each row?
 Find as many answers as you can.
