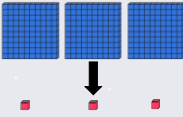
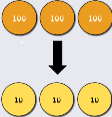


To be able to divide by 100

Maths Shed

Starter:
What's the same? What's different?

Explain your answer.

To be able to divide by 100

Maths Shed

Activity 1:
Match each calculation with the correct result.

$5,400 \div 100$	<input type="text" value="540"/>
54×10	<input type="text" value="54"/>
$5,400 \div 10$	
$540 \div 10$	

To be able to divide by 100

Maths Shed

Activity 2:
Use the comparison symbols (<, > or =) to complete the following statements:

$4,700 \div 10$	<input type="text"/>	$4,700 \div 100$
47×100	<input type="text"/>	$4,700 \div 10$
$740 \div 10$	<input type="text"/>	$7,400 \div 100$
$740 \div 10$	<input type="text"/>	$4,700 \div 10$

To be able to divide by 100

Maths Shed

Activity 3:
Fill in the blank spaces to complete the statements below:

$5,300 \div 100$	<input type="text" value="="/>	<input type="text" value="__ x 10"/>
84×10	<input type="text" value="="/>	<input type="text" value="8,_00 \div 10"/>
746×10	<input type="text" value="="/>	<input type="text" value="7,_60"/>
$8,300 \div 100$	<input type="text" value="="/>	<input type="text" value="_3"/>

To be able to divide by 100

Maths Shed

Activity 4:
Jamal and Ruth are both dividing numbers by ten and one hundred.
To begin with they start with the same dividend, a four-digit number.

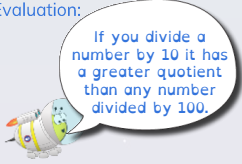
Ruth says, "My quotient has 0 ones, 3 tens and 7 hundreds."
Jamal says, "My quotient has 3 ones and 7 tens."

What number did they both have as their dividend?
Who has divided by ten and who has divided by one hundred?
Explain your answer.

To be able to divide by 100

Maths Shed

Evaluation:



If you divide a number by 10 it has a greater quotient than any number divided by 100.

Is Astrobee's statement always, sometimes or never true?
Explain your answer.