Multiplication and Division Expressions

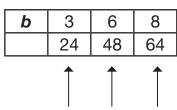Find a rule and write an expression using multiplication and division.

To find a rule and write an expression, look at the numbers being compared. Which is the greater number?

Consider 3 and 24. Because 24 is greater than 3, you can rule out subtraction and division.

Find how much greater 24 is than 3. Since 24 is 8 times 3, the rule must involve multiplication.

Look at the other two columns of numbers and compare them. The bottom number is 8 times as great as the top number.

A rule is multiply by 8, so the expression is $8 \times b$.

b	3	6	8
	24	48	64

Compare the numbers in each column of the table.

Find a rule for each table.

1.

a	48	56	64	72
	6	7	8	9

2.

u	8	11	13	16
	32	44	52	64

Find a rule and write the missing number for each table.

3.

j	18	14	12	8
	9	7		4

4.

e	2	4	6	7
	6	12	18	

5.

p	4	6	10	17
	20		50	85

6.

q	48	42	30	24
	8		5	4