

Name: Class:

How to write expressions for arrays using multiplication

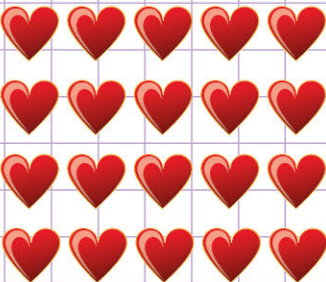
Write and evaluate the multiplication expressions of the models below.

1.



_____ x _____ = 15 cups

2.



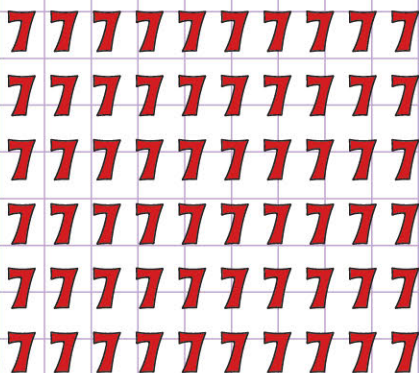
_____ x _____ = 20 hearts

3.



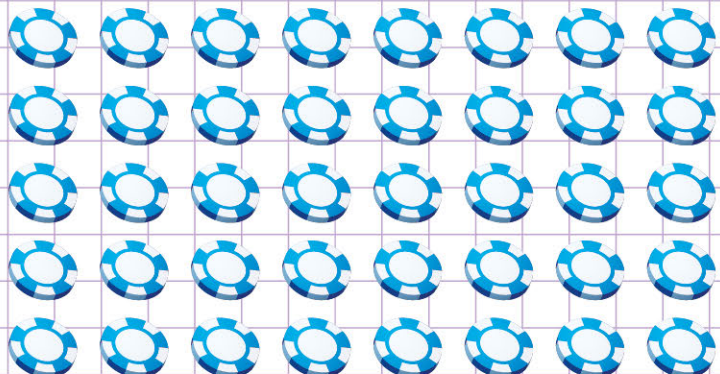
_____ x _____ = 36 balls

4.



_____ x _____ = 60 Sevens

5.



_____ x _____ = 40 casino chips

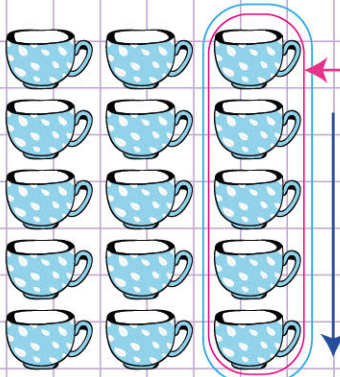


Name: Class:

How to write expressions for arrays using multiplication

Write and evaluate the multiplication expressions of the models below.

1.



$3 \times 5 = 15$ cups

Count the number of cups in each columns = 5

Count the number of columns = 3

The model has 3 equal columns of 5 cups in each column.

So, the multiplication expression is 3 of 5 cups (3×5)

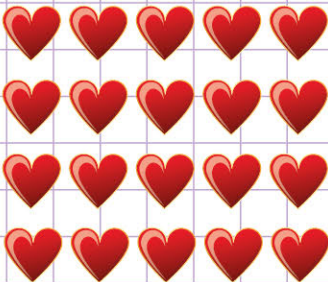
Finally, to find 3 equal columns of 5 cups in each column, we need to count the total number of cups in the model.

You see that, the model has a total of 15 cups.

So, 3 of 5 cups = (3×5) cups = 15 cups



2.



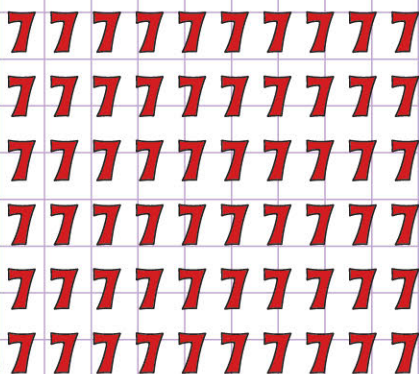
$5 \times 4 = 20$ hearts

3.



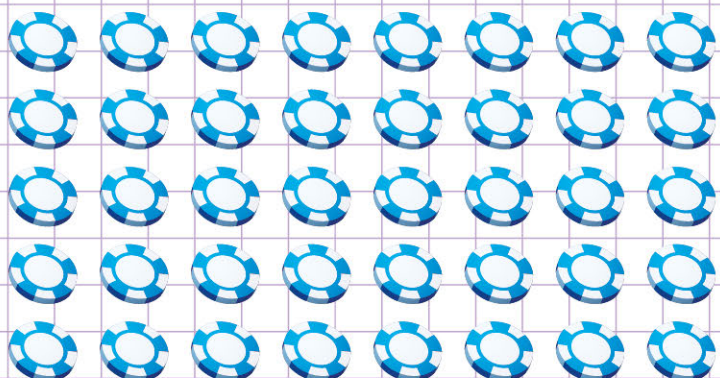
$6 \times 6 = 36$ balls

4.



$10 \times 6 = 60$ Sevens

5.



$5 \times 8 = 40$ casino chips

