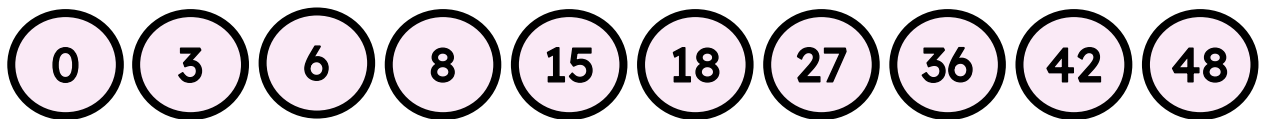




Explain the relationship between multiples of three and multiples of nine

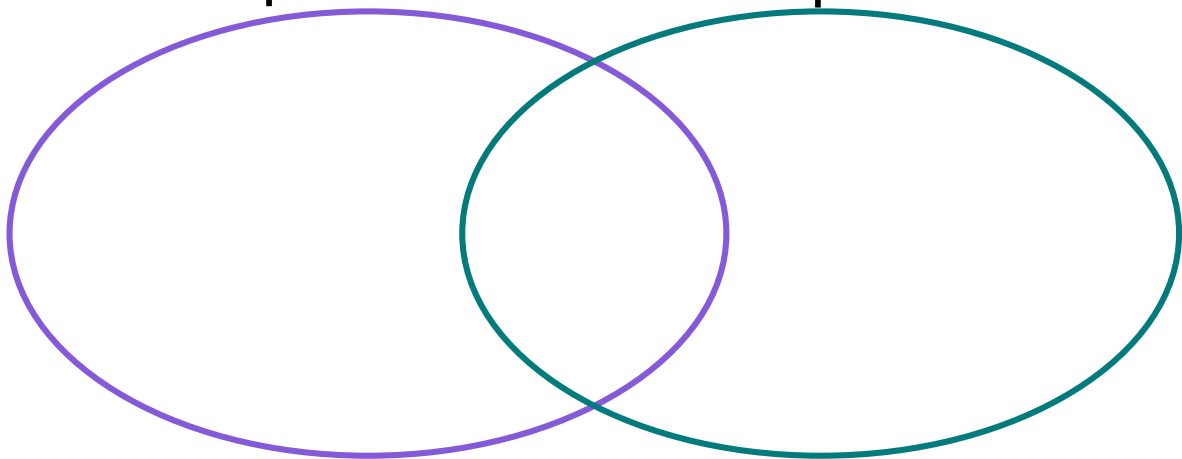
Task A: Identify multiples of 3 and 9

1) Sort the numbers correctly. Numbers that are neither multiples of 3 or 9 should go outside the circles. What do you notice?

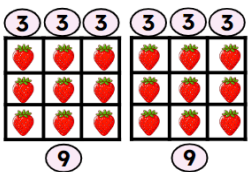


Multiples of 3

Multiples of 9

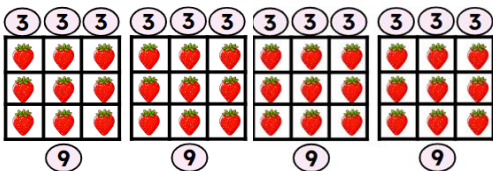


2) Fill in the gaps using the images to help you.



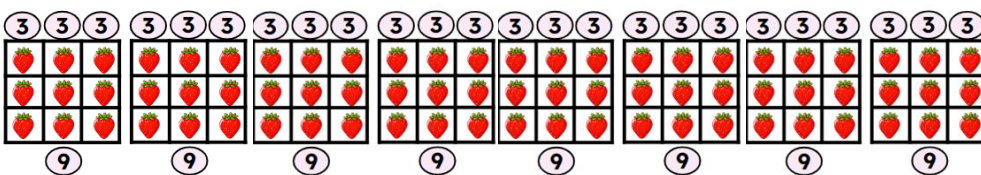
_____ × 3 = _____

_____ × 9 = _____



_____ × 3 = _____

_____ × 9 = _____

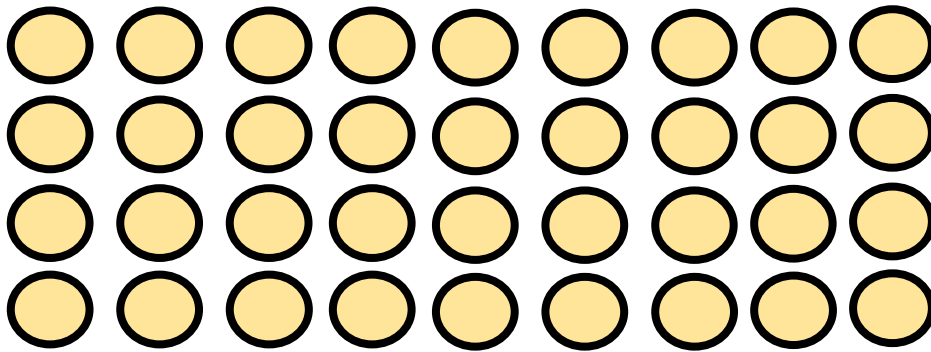


_____ × 3 = _____

_____ × 9 = _____

Task B: Explain the relationship between 3s and 9s

1) Use the array to complete the questions.



How many groups of 3 are there?

$$\underline{\quad} \times 3 = \underline{\quad}$$

How many groups of 9 are there?

$$\underline{\quad} \times 9 = \underline{\quad}$$

 is triple

 is one third of

2) Desserts come in packs of 3 or 9

Using this information answer the following:



Pack of 9



Pack of 3

a) Andeep's mum buys 1 pack of 9, how many packs of 3 is this?

b) If Andeep's mum has a total of 27 desserts, how many packs of 9 is this? How many packs of 3 is this?

c) If Andeep's mum has a total of 36 desserts, how many packs of 3 is this? How many packs of 9 is this?

d) Izzy's mum wants to buy 81 desserts but the shop only has packs of 3 left. How many 3 packs will she need to buy?

e) If 90 desserts are bought, how many packs of 3 is this?

