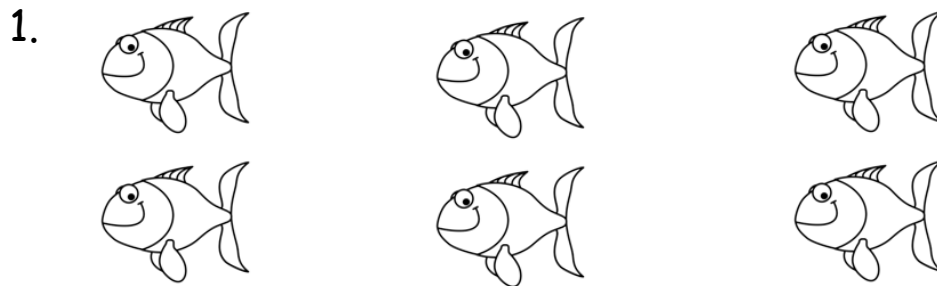


Chapter 13: Multiplication (2, 3, 4, 5, 10)

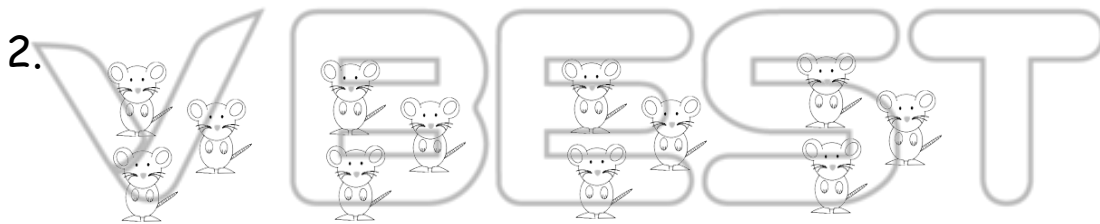
i. Multiplication as Repeated Additions



There are 3 groups of 2 fish.

$$2 + \underline{\quad} + \underline{\quad} = \underline{6}$$

$$3 \times \underline{\quad} = \underline{6}$$

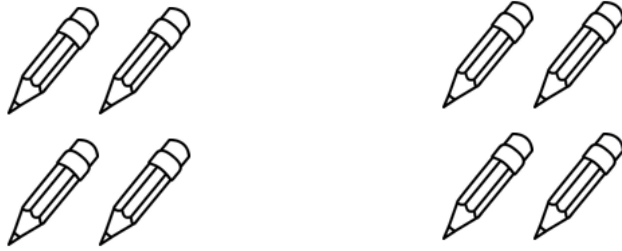


There are 4 groups of 3 rats.

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

$$4 \times \underline{\quad} = \underline{\quad}$$

3.

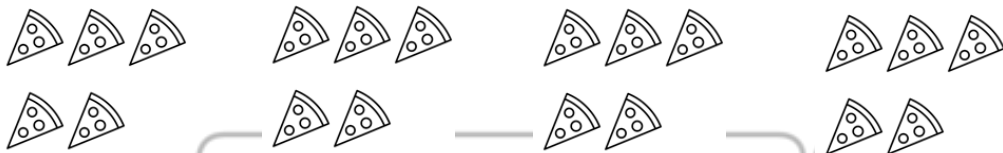


There are 2 groups of ____ pencils.

$$4 + \underline{\quad} = \underline{\quad}$$

$$2 \times \underline{\quad} = \underline{\quad}$$

4.



There are 4 groups of ____ pizzas.

$$5 + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$4 \times \underline{\quad} = \underline{\quad}$$

5.



There are 3 groups of ____ smiley faces.

$$10 + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

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

ii. Multiplying by 2.

$$\begin{array}{r} 2 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$

Fill in the multiplication chart.

X	1	2	3	4	5	6	7	8	9	10	11	12
2	2											

iii. Multiplying by 3.

$$\begin{array}{r} 1 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 3 \\ \hline \end{array}$$

Fill in the multiplication chart.

X	1	2	3	4	5	6	7	8	9	10	11	12
3	3											

iv. Multiplying by 4.

$$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$

Fill in the multiplication chart.

X	1	2	3	4	5	6	7	8	9	10	11	12
4	4											

v. Multiplying by 5.

$$\begin{array}{r} 12 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 5 \\ \hline \end{array}$$

Fill in the multiplication chart.

X	1	2	3	4	5	6	7	8	9	10	11	12
5	5											

vi. Multiplying by 10.

$$\begin{array}{r} 10 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 7 \\ \hline \end{array}$$

Fill in the multiplication chart.

X	1	2	3	4	5	6	7	8	9	10	11	12
10	10											

vii. Solve the word problems using multiplication.

- There are 4 seasons in a year. How many seasons in 4 years?

- Eggs come in boxes of 6. How many eggs in 4 boxes?

- I buy three packs of ten pens. How many pens have I bought?

4. An insect have four legs. How many legs do 3 insects have?

5. A phone takes 3 hours to charge. How many hours would it take to charge 5 phones one after the other?

6. How many wheels on 12 bicycles?

7. A multipack bag of crisps hold 10 packets. How many packs of crisps in 6 multipacks?

8. Sally runs for 3 miles a day. How far will she run in a week?

9. How many eyes would 7 students have?
