Math

Let's Look at Multiplication

7x3=21

5x4=20

2x6=12

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Parts of a Multiplication Problem

multiplicand

product

$$5 \times 4 = 20$$

multiplier

Five multiplied by four equals twenty

How do we understand a multiplication problem?

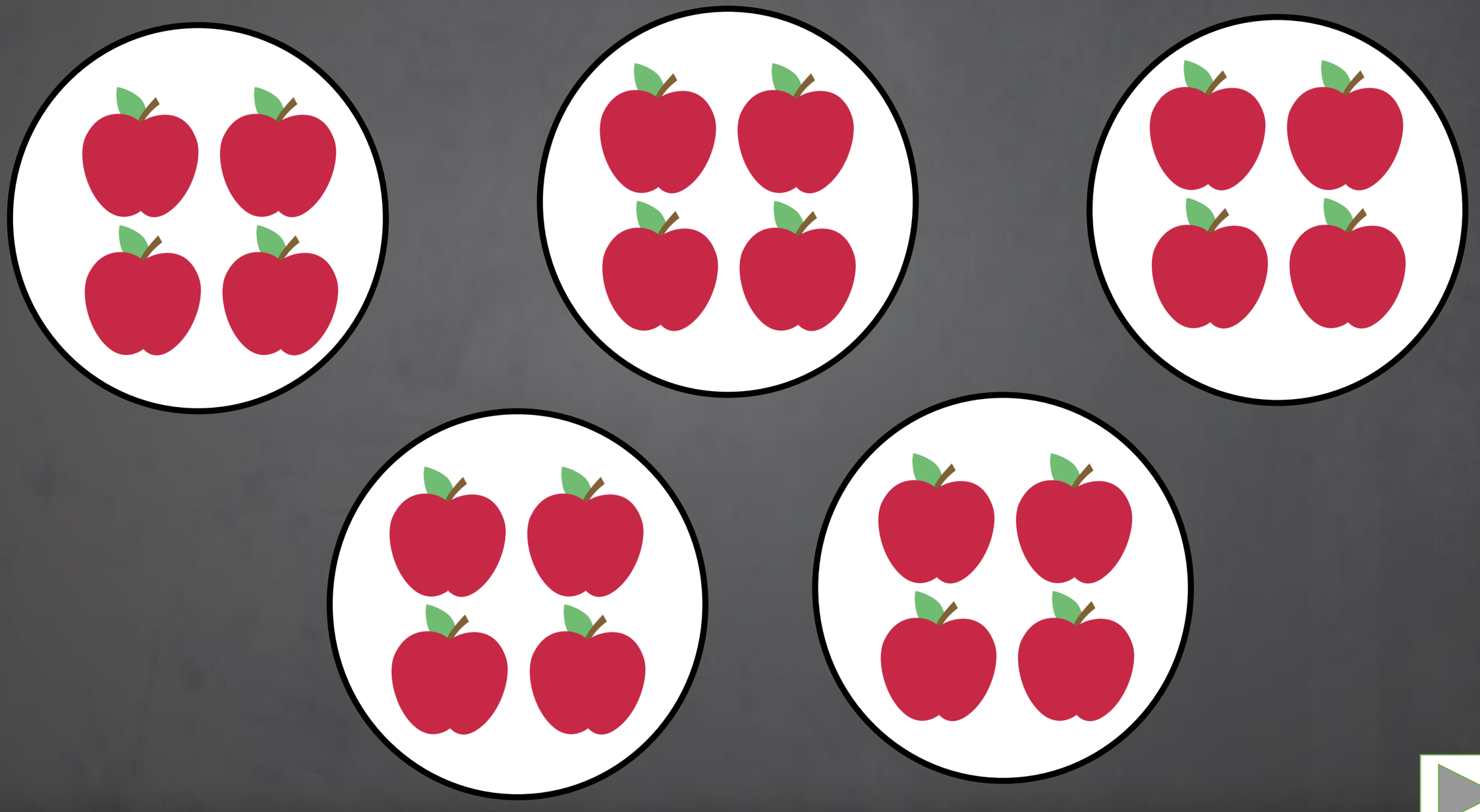
5 x 4 = 20

This is the number of groups.

This is the number of objects in each group.

This is the total number of objects.

5 x 4 = 20

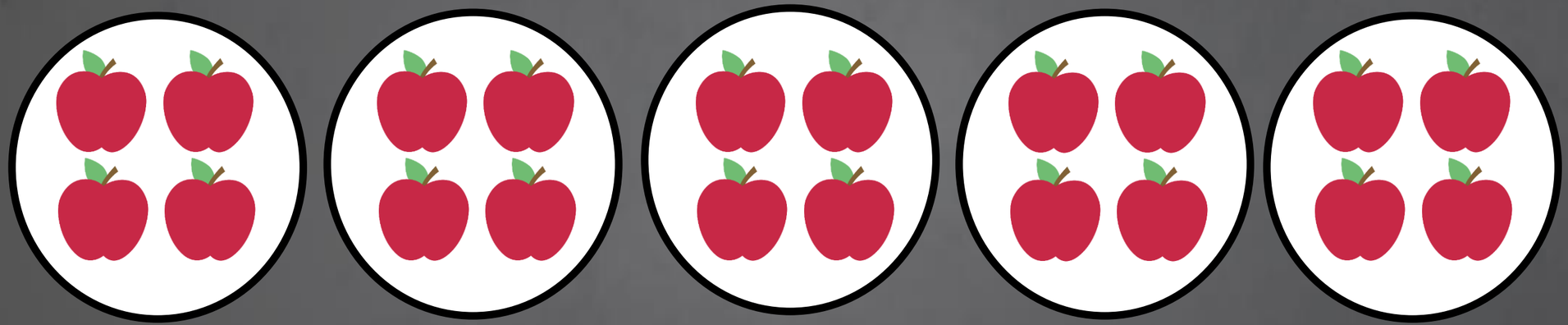


5 x 4 = 20

groups

in each group

in all



4 + 4 + 4 + 4 + 4 = 20

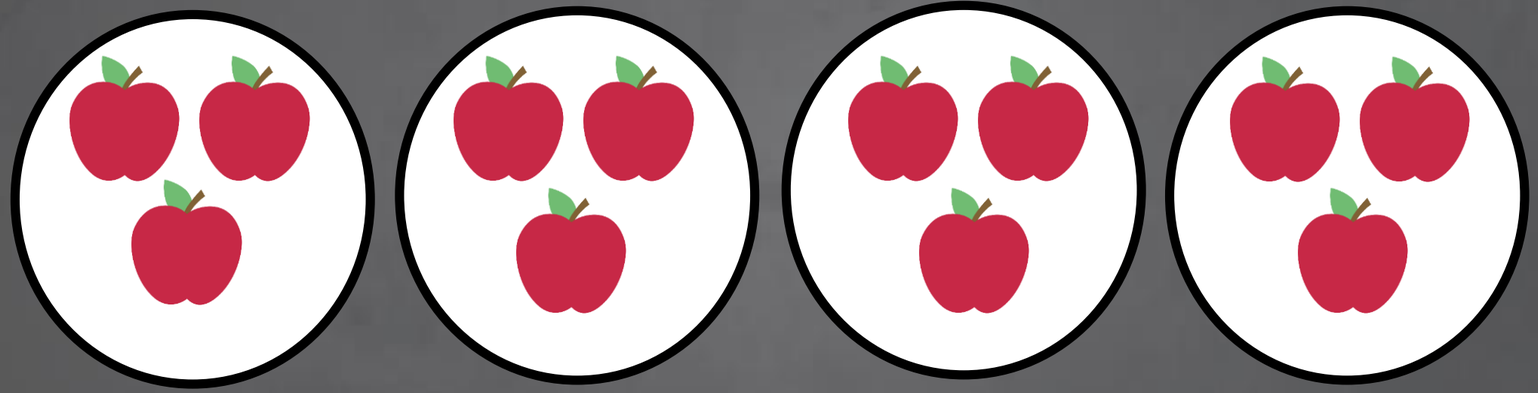
Repeated Addition

4 x 3 = 12

groups

in each group

in all



3 + 3 + 3 + 3 = 12

Repeated Addition

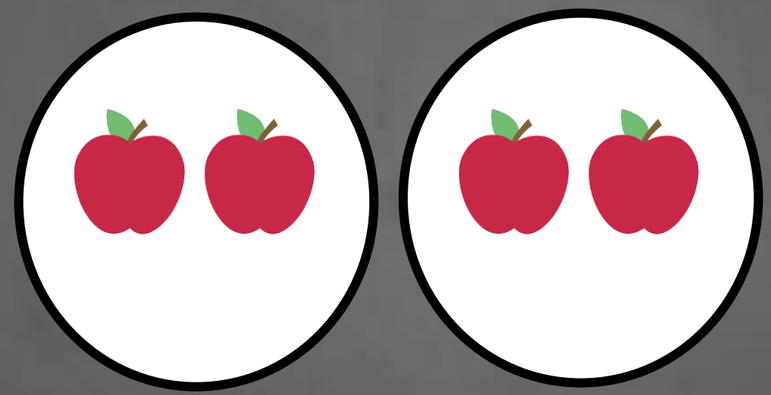
Four multiplied by three equals twelve

2 x 2 = 4

groups

in each group

in all



2 + 2 = 4

Repeated Addition

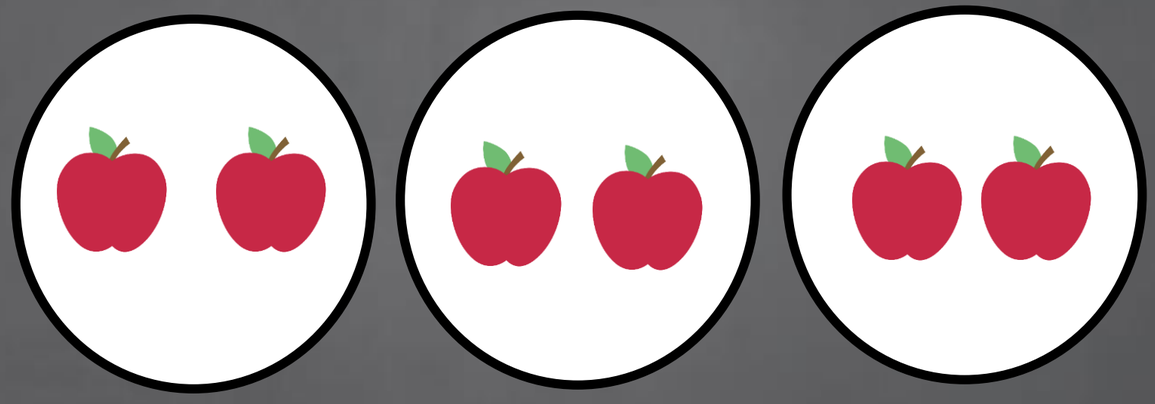
Two multiplied by two equals four

3 x 2 = 6

groups

in each group

in all



2 + 2 + 2 = 6

Repeated Addition

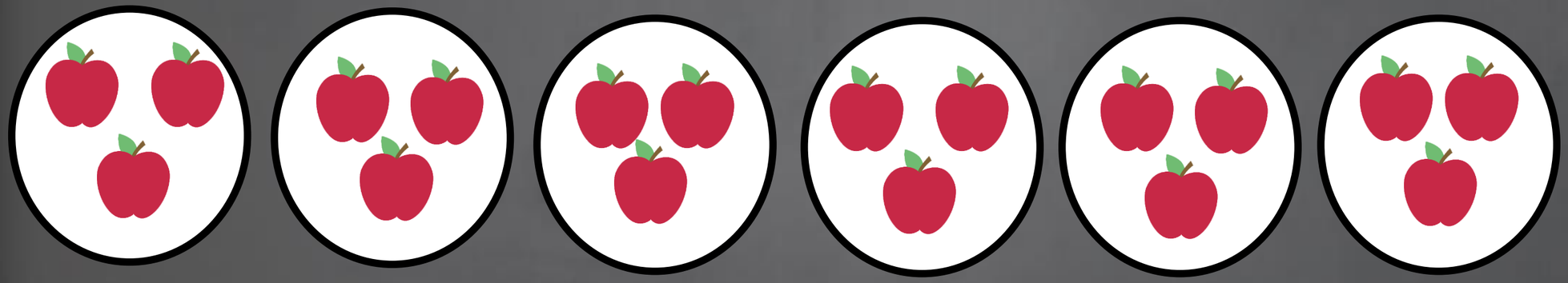
Three multiplied by two equals six

6 x 3 = 18

groups

in each group

in all



3 + 3 + 3 + 3 + 3 + 3 = 18

Repeated Addition

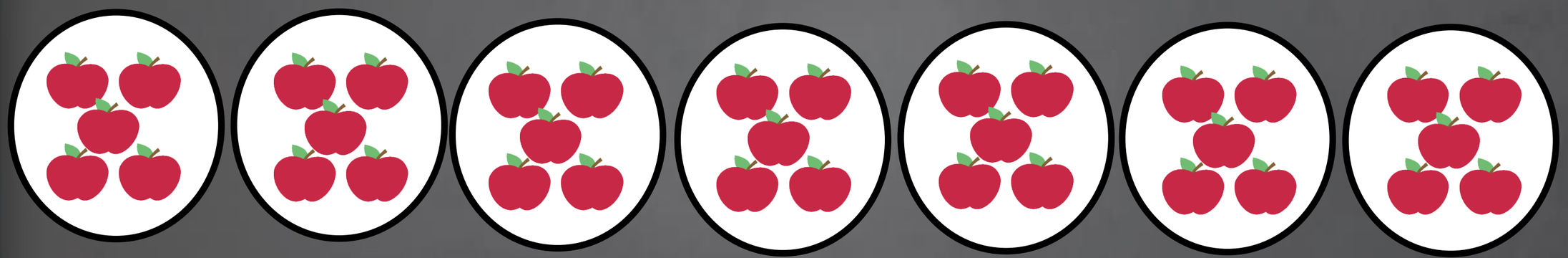
Three multiplied by six equals eighteen

7 x 5 = 35

groups

in each group

in all



5 + 5 + 5 + 5 + 5 + 5 + 5 =35

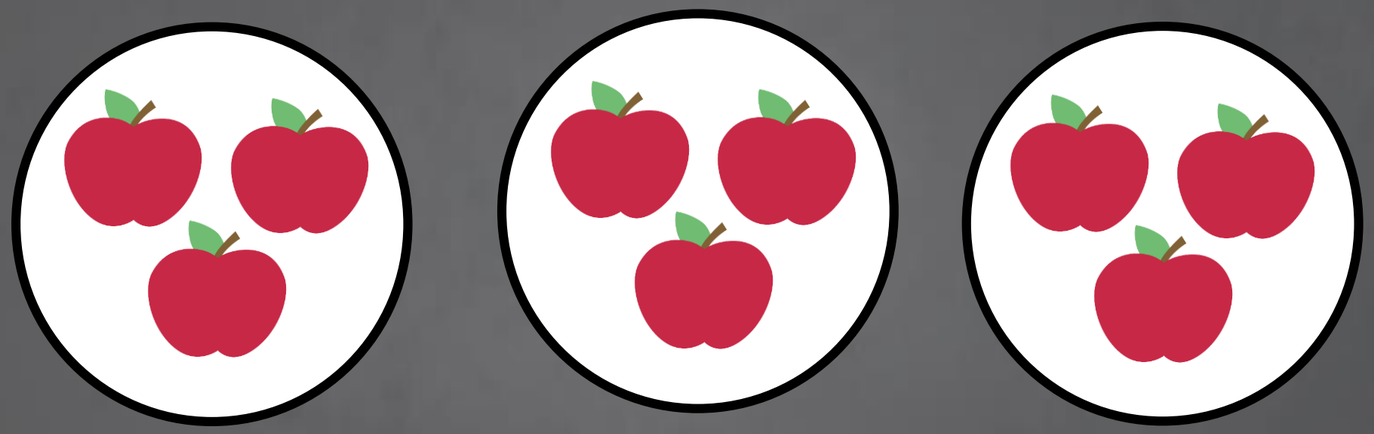
Repeated Addition

3 x 3 = 9

groups

in each group

in all



3 + 3 + 3 = 9

Repeated Addition

Teacher Info

1 Hundred square

Colour all the multiples of 2 on the hundred square.

In a different colour, colour all the multiples of 5.

What do you notice about the numbers you have coloured twice?

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Hint: Try to remember the 2× and 5× tables.
You you can use a number square to help you to:

- count forwards and backwards
- add and subtract tens and multiples of 10
- colour in other table patterns

Thanks!