

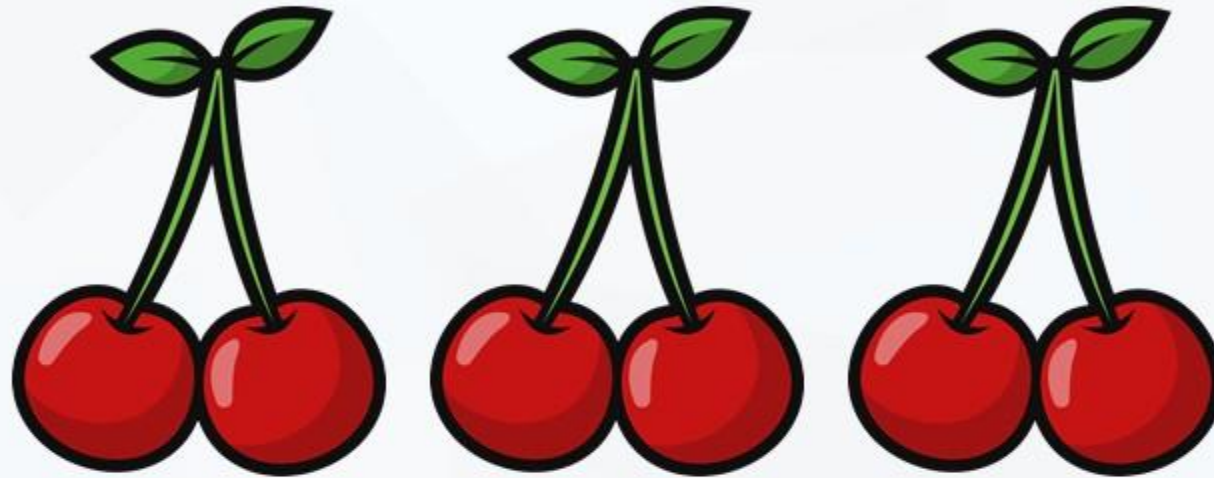
Adding Equal Groups (lesson 2)

Let's try counting backwards in 10s ...

100 90 80 70 60

50 40 30 20 10

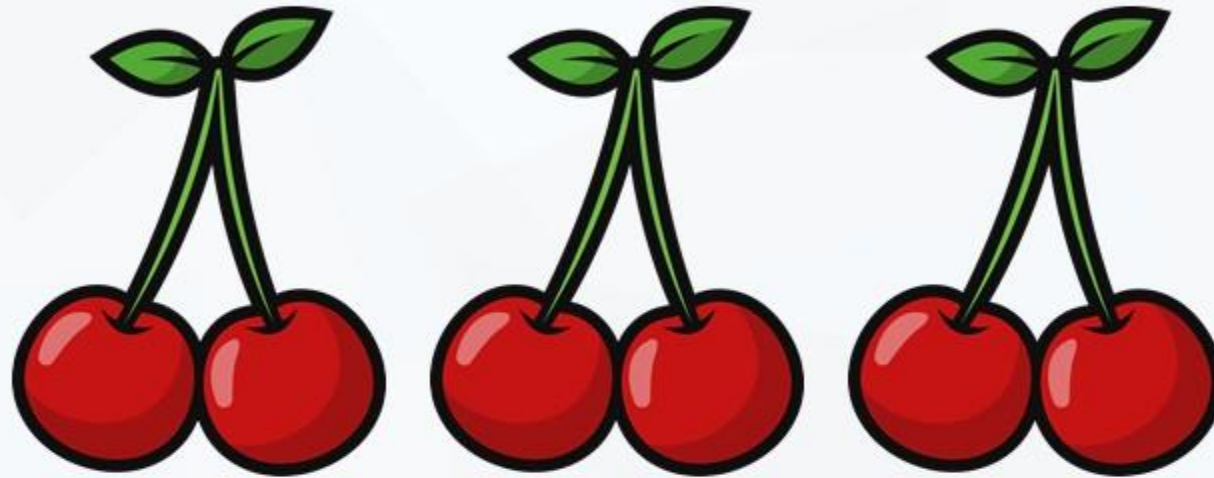
How many cherries altogether?



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

There are groups of cherries
which is equivalent to .

How many cherries altogether?



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

There are 3 groups of 2 cherries
which is equivalent to 6.

How many doughnuts altogether?



$$2 + 2 + 2 + 2 + 2 = \underline{\hspace{2cm}}$$

There are groups of doughnuts
which is equivalent to .

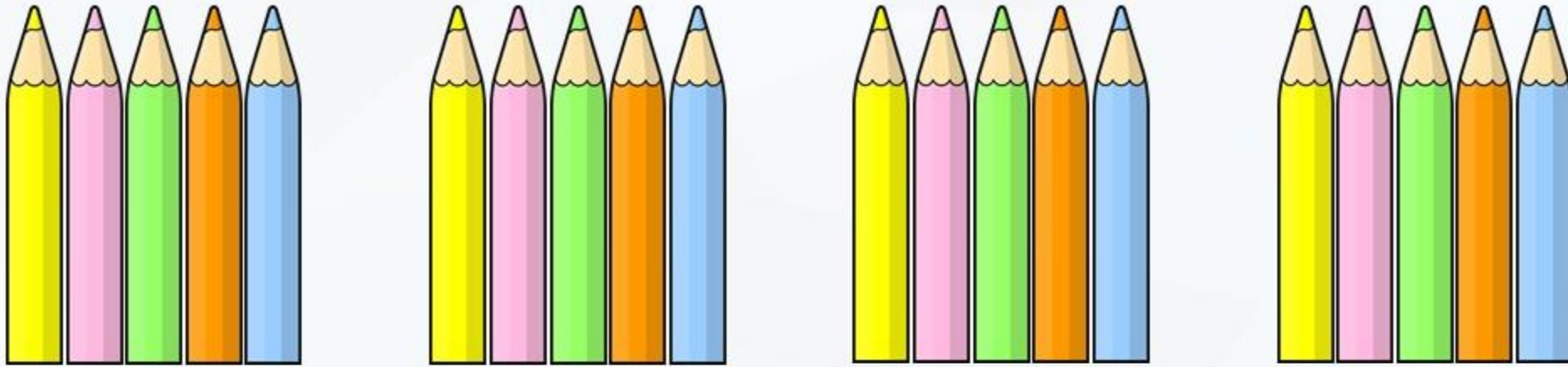
How many doughnuts altogether?



$$2 + 2 + 2 + 2 + 2 = \underline{10}$$

There are 5 groups of 2 doughnuts
which is equivalent to 10.

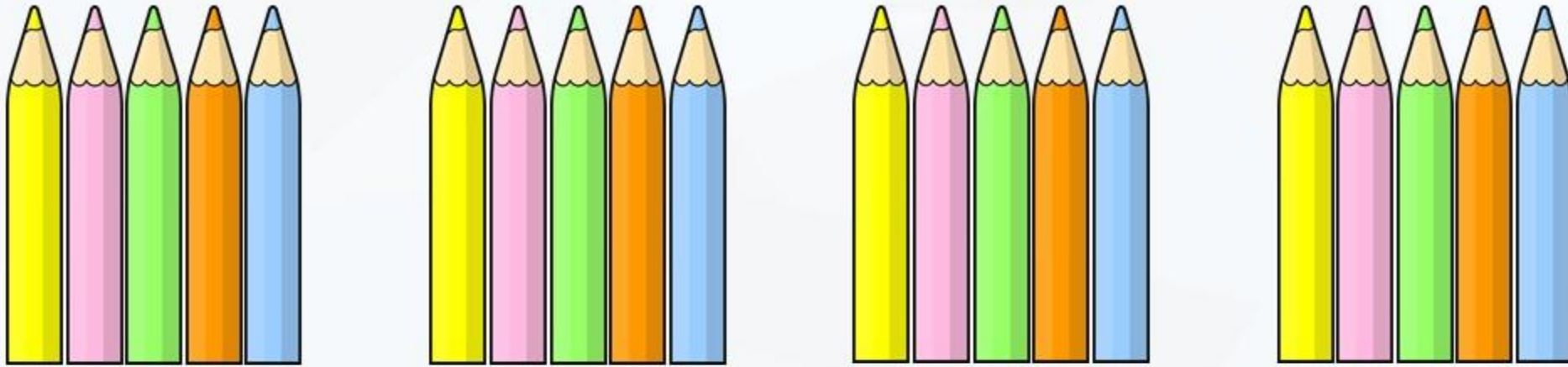
How many pencils altogether?



$$5 + 5 + 5 + 5 = \underline{\hspace{2cm}}$$

There are groups of pencils
which is equivalent to .

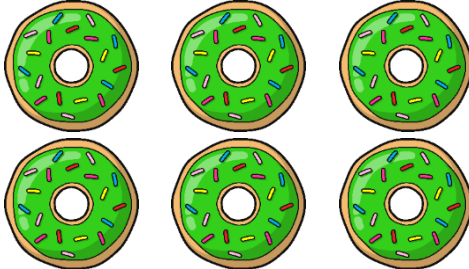
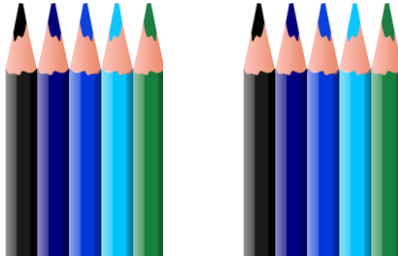
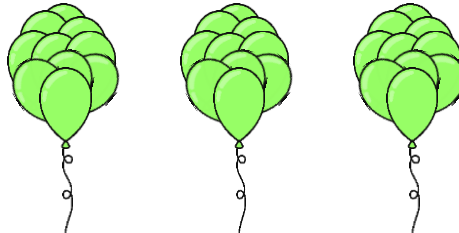
How many pencils altogether?



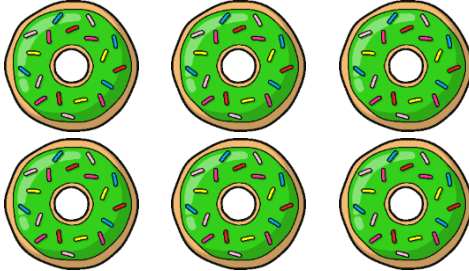
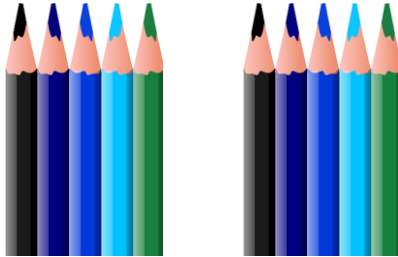
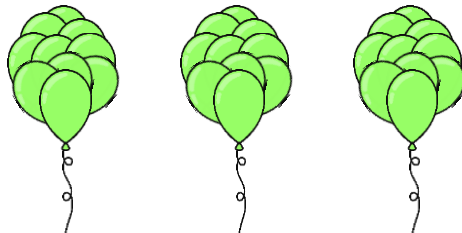
$$5 + 5 + 5 + 5 = \underline{20}$$

There are 4 groups of 5 pencils
which is equivalent to 20.

Complete the table.

Picture	Repeated addition	Bar model	Stem sentence						
	$2 + 2 + 2$	<table border="1"><tr><td colspan="3"></td></tr><tr><td>2</td><td>2</td><td>2</td></tr></table>				2	2	2	There are ____ groups of ____ which is equivalent to ____.
2	2	2							
		<table border="1"><tr><td colspan="2">10</td></tr><tr><td>5</td><td>5</td></tr></table>	10		5	5	There are ____ groups of ____ which is equivalent to ____.		
10									
5	5								
	$10 + 10 + 10$	<table border="1"><tr><td colspan="3"></td></tr><tr><td>10</td><td>10</td><td>10</td></tr></table>				10	10	10	There are <u>3</u> groups of <u>10</u> which is equivalent to <u>30</u> .
10	10	10							

Complete the table.

Picture	Repeated addition	Bar model	Stem sentence						
	$2 + 2 + 2$	<table><tr><td colspan="3">6</td></tr><tr><td>2</td><td>2</td><td>2</td></tr></table>	6			2	2	2	There are <u>3</u> groups of <u>2</u> which is equivalent to <u>6</u> .
6									
2	2	2							
	$5 + 5$	<table><tr><td colspan="2">10</td></tr><tr><td>5</td><td>5</td></tr></table>	10		5	5	There are <u>2</u> groups of <u>5</u> which is equivalent to <u>10</u> .		
10									
5	5								
	$10 + 10 + 10$	<table><tr><td colspan="3">30</td></tr><tr><td>10</td><td>10</td><td>10</td></tr></table>	30			10	10	10	There are <u>3</u> groups of <u>10</u> which is equivalent to <u>30</u> .
30									
10	10	10							

Kat and Asha are making equal groups of doughnuts.



Kat

We need one more group to make 40.

We need 10 more doughnuts to make 40.



Asha

Who do you agree with? Explain why.

Kat and Asha are making equal groups of doughnuts.



Kat

We need one
more group to
make 40.

We need 10 more
doughnuts to
make 40.



Asha

Who do you agree with? Explain why.

Both are correct.

One more group of ten is the same as adding 10 more doughnuts.



Jack

I have nine
groups of 2.

I have 2 groups
of 10.



Matt

Who has the most? Explain how you know.



Jack

I have nine
groups of 2.

I have 2 groups
of 10.



Matt

Who has the most? Explain how you know.

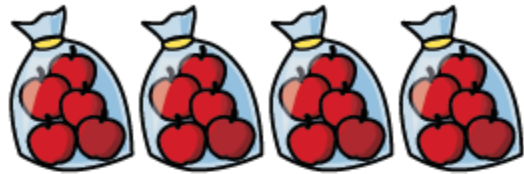
Matt has the most. $2 \text{ groups of } 10 = 20$.

Jack has 9 groups of $2 = 18$.

Add equal groups



1 Complete the sentences.



There are apples in each bag.

There are bags.

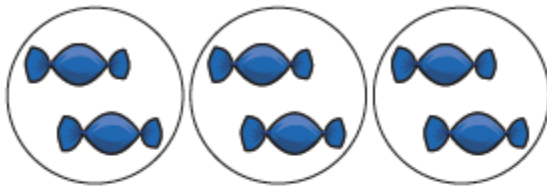
There are equal groups of .

There are apples altogether.

$$\square + \square + \square + \square = \square$$



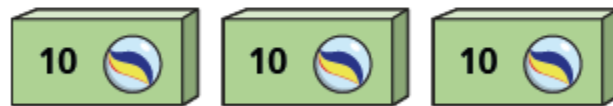
2 How many sweets are there?



$$\square + \square + \square = \square$$

There are sweets.

3 How many marbles are there?

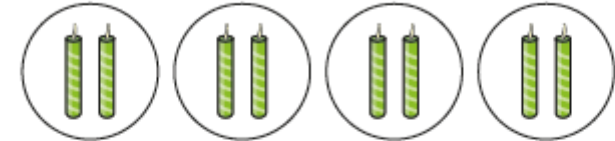


$$\square + \square + \square = \square$$

There are marbles.



4 How many candles are there?



$$\square + \square + \square + \square = \square$$

There are candles.

5 Use counters to show the equal groups.

Complete the number sentences.

a) $2 + 2 + 2 + 2 = \square$

b) $5 + 5 + 5 + 5 + 5 = \square$

6 There are 7 equal groups of 5 counters.

How many counters are there altogether?

There are counters altogether.

