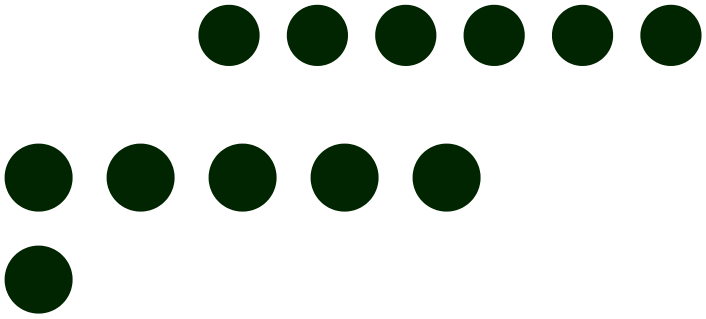
KINDERGARTEN · NUMBER AND MAGNITUDE

Recognize that rearranging a set keeps its count

NAME	DATE	SCORE / 10

For the adult. Read each question aloud. The child circles or writes the answer.

1 Look at Ivy's dots on top. Ivy pushes them close together. Are there more dots now, fewer dots, or the same number?



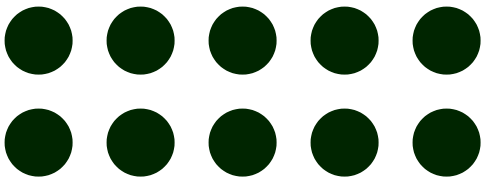
◯ More ◯ Fewer ◯ Same

2 The counters are pushed close together. How many counters are there now?

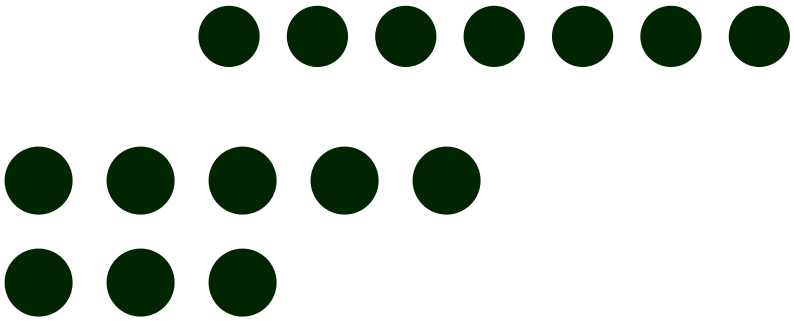
FOR THE ADULT

1. Put 10 counters in a row in front of the child, and count them together: “one, two, … 10.” No counters? Cut out the ones below.
2. While the child watches, push the counters close together.
3. Ask: “How many counters are there now?”
4. Do not count them again, and do not let the child touch them.

☐ Did it ☐ Not yet The child said: _____



3 Look at Leo's dots on top. Leo adds 1 more and pushes them together. Are there more dots now, fewer dots, or the same number?



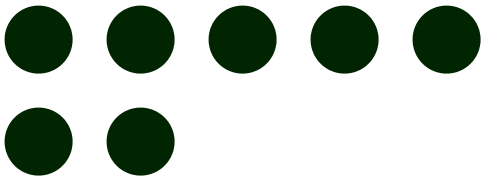
◯ More ◯ Fewer ◯ Same

4 The counters are spread out. How many counters are there now?

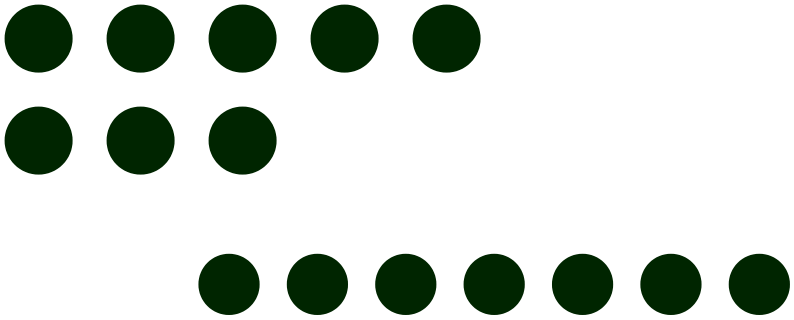
FOR THE ADULT

1. Put 7 counters in a row in front of the child, and count them together: “one, two, … 7.” No counters? Cut out the ones below.
2. While the child watches, spread the counters far apart.
3. Ask: “How many counters are there now?”
4. Do not count them again, and do not let the child touch them.

☐ Did it ☐ Not yet The child said: _____



5 Look at Maya's dots on top. Maya takes 1 away and spreads the rest out. Are there more dots now, fewer dots, or the same number?



◯ More ◯ Fewer ◯ Same

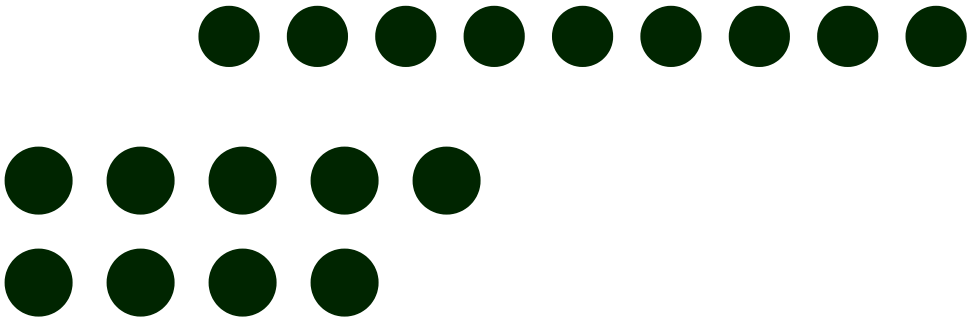
6 The counters are spread out. How many counters are there now?

FOR THE ADULT

1. Put 5 counters in a row in front of the child, and count them together: “one, two, ... 5.” No counters? Cut out the ones below.
2. While the child watches, spread the counters far apart.
3. Ask: “How many counters are there now?”
4. Do not count them again, and do not let the child touch them.

☐ Did it ☐ Not yet The child said: _____

7 Look at Leo's dots on top. Leo pushes them close together. Are there more dots now, fewer dots, or the same number?



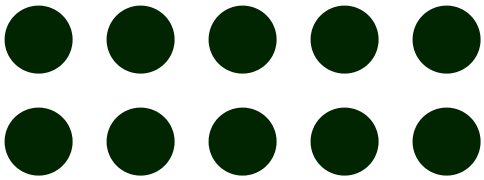
◯ More ◯ Fewer ◯ Same

8 The counters are spread out. How many counters are there now?

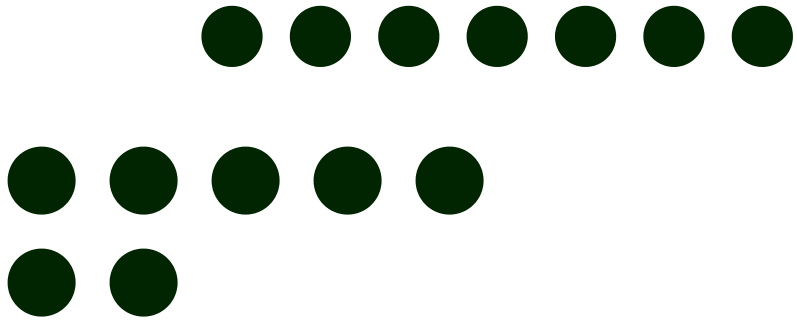
FOR THE ADULT

1. Put 10 counters in a row in front of the child, and count them together: “one, two, … 10.” No counters? Cut out the ones below.
2. While the child watches, spread the counters far apart.
3. Ask: “How many counters are there now?”
4. Do not count them again, and do not let the child touch them.

☐ Did it ☐ Not yet The child said: _____



9 Look at Noah's dots on top. Noah pushes them close together. Are there more dots now, fewer dots, or the same number?



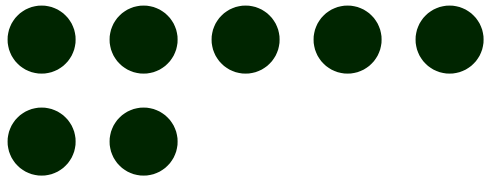
◯ More ◯ Fewer ◯ Same

10 The counters are pushed close together. How many counters are there now?

FOR THE ADULT

1. Put 7 counters in a row in front of the child, and count them together: “one, two, … 7.” No counters? Cut out the ones below.
2. While the child watches, push the counters close together.
3. Ask: “How many counters are there now?”
4. Do not count them again, and do not let the child touch them.

☐ Did it ☐ Not yet The child said: _____



ANSWER KEY · KINDERGARTEN · NUMBER AND MAGNITUDE

Recognize that rearranging a set keeps its count

1 Same

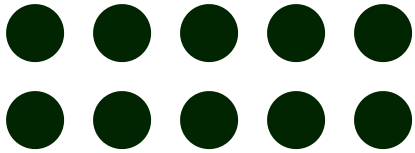
3 More

5 Fewer

7 Same

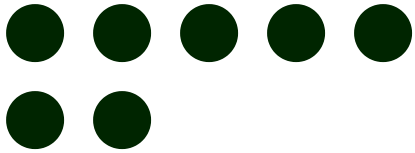
9 Same

2 Watched by the adult



What counts as right: Says “10” straight away, without counting again: pushing them together does not change how many there are. Counting them again from one, or saying there are more or fewer now, is Not yet.

4 Watched by the adult

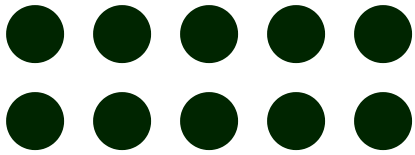


What counts as right: Says “7” straight away, without counting again: spreading them out does not change how many there are. Counting them again from one, or saying there are more or fewer now, is Not yet.

6 Watched by the adult

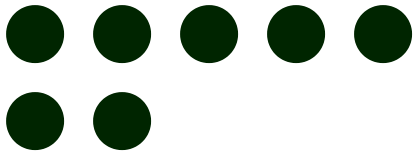
What counts as right: Says “5” straight away, without counting again: spreading them out does not change how many there are. Counting them again from one, or saying there are more or fewer now, is Not yet.

8 Watched by the adult



What counts as right: Says “10” straight away, without counting again: spreading them out does not change how many there are. Counting them again from one, or saying there are more or fewer now, is Not yet.

10 Watched by the adult



What counts as right: Says “7” straight away, without counting again: pushing them together does not change how many there are. Counting them again from one, or saying there are more or fewer now, is Not yet.