Arrays

Multiplication

Name: _____ Date: _____ Grade 3

Lesson 1.08 **Amplify Alignment:** Grade 3 · Unit 1 · Lesson 8

1 Show 1 way the set of stars could be rearranged into an array.



Draw

2 Create as many arrays as you can using the same number of squares as shown in the image.

Draw



3 Create 2 different arrays using 12 dots.

Draw

Name: _____ Date: _____ Grade 3

Lesson 1.08 **Amplify Alignment:** Grade 3 · Unit 1 · Lesson 8

4 Choose 1 of your arrays in Problem 3. How is the array related to equal groups? Explain your thinking.

_____

_____

_____

_____

5 How are the 2 arrays alike? How are they different? Explain your thinking.

_____

_____

_____



or



6 Look at the set of 8 stars. Which image does **not** show the stars arranged into an array?

A 

B 



C 

D 

Arrays ANSWER KEY

Multiplication

Name: _____ Date: _____ Grade 3

Lesson 1.08 **Amplify Alignment:** Grade 3 · Unit 1 · Lesson 8

1 Show 1 way the set of stars could be rearranged into an array.

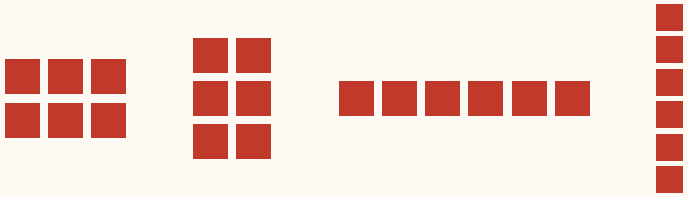


Draw



2 Create as many arrays as you can using the same number of squares as shown in the image.

Draw





3 Create 2 different arrays using 12 dots.

Draw



Other answers: 4 rows of 3, 6 rows of 2, 1 row of 12

Name: _____ Date: _____ Grade 3

Lesson 1.08 **Amplify Alignment:** Grade 3 · Unit 1 · Lesson 8

4 Choose 1 of your arrays in Problem 3. How is the array related to equal groups? Explain your thinking.

Sample: 3 rows of 4 is like 3 equal groups with 4 dots in each group.

5 How are the 2 arrays alike? How are they different? Explain your thinking.

Sample: Both have 14 triangles. One has 2 rows of 7; the other has 7 rows of 2.



or



6 Look at the set of 8 stars. Which image does **not** show the stars arranged into an array?

A 

B 



C 

D 

D — the rows do not all have the same number of stars.