Arrays and equal groups worksheet – Grade 4

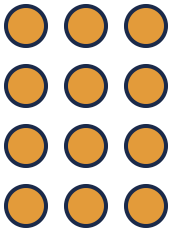
Grade 4 · Mixed level · 20 questions · **Version X3918**

Name: _____ Date: _____ Score: ___ / 20

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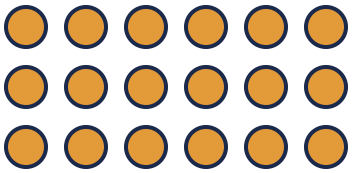
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1. Which multiplication matches this array?



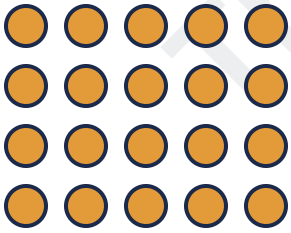
A. 4 × 3 **B.** 4 × 4 **C.** 4 + 3 **D.** 5 × 3

2. How many dots are in each row? Maya says the answer is 6. Is Maya right?



A. Yes **B.** No

3. How many dots are in this array? Maya says the answer is 21. Is Maya right?

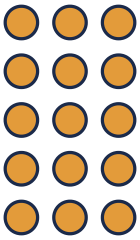


A. Yes **B.** No

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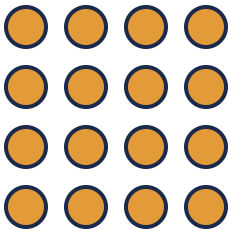
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4. Which multiplication matches this array? Maya chose “5 + 3”. Is Maya right?



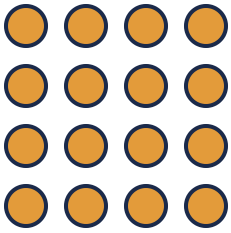
A. Yes **B.** No

5. How many rows does this array have?



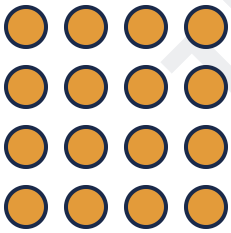
Answer: _____

6. How many dots are in each row?



Answer: _____

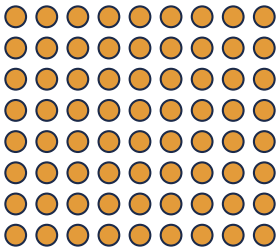
7. How many dots are in this array?



A. 18 **B.** 16 **C.** 6 **D.** 15

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8. Split 9 into 6 + 3. What is 8 × 6 + 8 × 3? Ethan says the answer is 73. Is Ethan right?



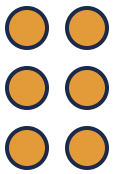
A. Yes **B.** No

9. 12 seeds are put in 6 equal rows. How many are in each row?



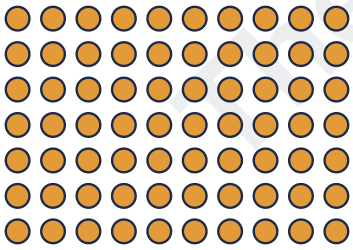
A. 2 **B.** 0 **C.** 3 **D.** 4

10. Kai sets out 3 rows of 2 tiles. How many tiles is that? Ava says the answer is 6. Is Ava right?



A. Yes **B.** No

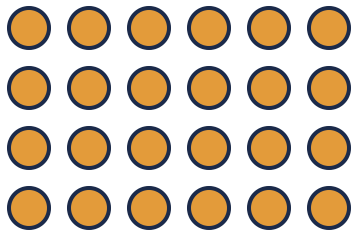
11. 70 cookies are put in 7 equal rows. How many are in each row? Arjun says the answer is 10. Is Arjun right?



A. Yes **B.** No

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12. Mateo sets out 4 rows of 6 muffins. How many muffins is that?



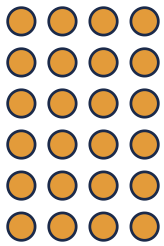
Answer: _____

13. 21 pancakes are put in 7 equal rows. How many are in each row? Priya says the answer is 3. Is Priya right?



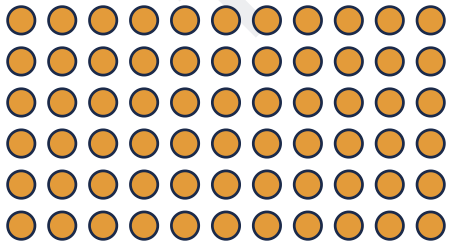
A. Yes **B.** No

14. 24 chairs are put in 6 equal rows. How many are in each row? Maya says the answer is 4. Is Maya right?



A. Yes **B.** No

15. 6 rows of 11 tiles are laid, and 10 tiles break. How many are left?



A. 54 **B.** 57 **C.** 56 **D.** 58

16. A garden has 3 rows of 4 plants and 2 rows of 4 more. How many plants is that? Chloe says the answer is 30. Is Chloe right?

A. Yes **B.** No

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17. Split 19 into 10 + 9. What is 2 × 10 + 2 × 9?

    Answer: _____

18. Work out the side of a square array of 16 dots. Arjun says the answer is 14. Is Arjun right?

    A. Yes **B.** No

19. Find the side of a square array of 25 dots. Priya says the answer is 5. Is Priya right?

    A. Yes **B.** No

20. Split 12 into 10 + 2. What is 9 × 10 + 9 × 2? Noah says the answer is 108. Is Noah right?

    A. Yes **B.** No

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Answer key · Version X3918

Arrays and equal groups worksheet – Grade 4 · Grade 4 · to reprint this sheet or check the answers, enter X3918 on the skill page.

1. **A (4 × 3)**
2. **A (Yes)**
3. **B (No)**
4. **B (No)**
5. **4**
6. **4**
7. **B (16)**
8. **B (No)**
9. **A (2)**
10. **A (Yes)**
11. **A (Yes)**
12. **24**
13. **A (Yes)**
14. **A (Yes)**
15. **C (56)**
16. **B (No)**
17. **38**
18. **B (No)**
19. **A (Yes)**
20. **A (Yes)**

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