Name _____ Date _____

SEE HOW Equal groups and arrays

EXAMPLE 1



4 groups of 3. Add 3 once for each group: **3 + 3 + 3 + 3 = 12**.

EXAMPLE 2



An **array** has equal rows. **2 rows of 4**: 4 + 4 = **8**.

EXAMPLE 3

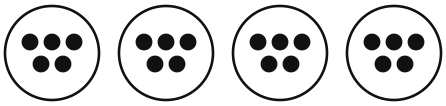


Add rows: 2 + 2 + 2 = 6. Add columns: 3 + 3 = 6. **Same total!**

YOUR TURN Fill in the boxes.

1. 

☐ groups of ☐ = ☐

2. 

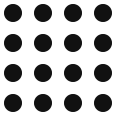
☐ groups of ☐ = ☐

Tip: Count the groups first. Then count how many are in one group.

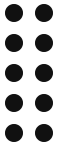
PRACTICE Fill in the boxes for each array.

3. 

☐ rows of ☐ = ☐

4. 

☐ rows of ☐ = ☐

5. 

☐ rows of ☐ = ☐

6. 

☐ rows of ☐ = ☐

PRACTICE Add to find the total.

7. **4 groups of 4**

4 + 4 + 4 + 4 = ☐

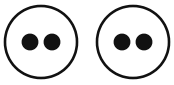
8. **2 groups of 3**

3 + 3 = ☐

9. **4 groups of 2**

2 + 2 + 2 + 2 = ☐

PRACTICE Are the groups equal? Circle Yes or No.

10. 

Equal groups? Yes No

11. 

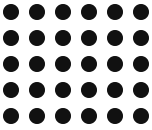
Equal groups? Yes No

THINK IT THROUGH Solve the story.

12. Maya has 3 bags. Each bag has 3 apples. How many apples in all?

3 + 3 + 3 = ☐ apples

★ BRAIN BOOST Fast count



Count the dots without counting by 1s. Add the rows!

☐ dots

PAGE 1 **Grade 2 · Unit 22 · Equal groups, repeated addition and arrays**

1. **4** groups of **4** = **16**
2. **4** groups of **5** = **20**
3. **3** rows of **5** = **15**
4. **4** rows of **4** = **16**
5. **5** rows of **2** = **10**
6. **3** rows of **3** = **9**
7. **16**
8. **6**
9. **8**
10. **Yes**
11. **Yes**
12. 3 + 3 + 3 = **9** apples

★ 6 + 6 + 6 + 6 + 6 = **30** dots