Meaning of Multiplication

Grade 3

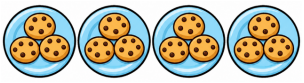
Name _____ Date _____

Remember: 4 × 3 means **4 groups of 3**. Count the groups, then how many in each.

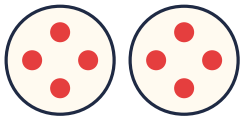
Repeated addition: 4 × 3 = 3 + 3 + 3 + 3.

1. Use the pictures

Look at the picture. Fill in the blanks.



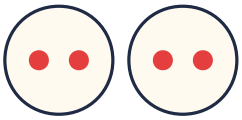
1.



____ groups of ____ = ____

____ × ____ = ____

2.



____ groups of ____ = ____

____ × ____ = ____

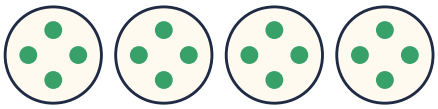
3.



____ groups of ____ = ____

____ × ____ = ____

4.



____ groups of ____ = ____

____ × ____ = ____

5.



____ groups of ____ = ____

____ × ____ = ____

6.



____ groups of ____ = ____

____ × ____ = ____

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2. More practice

Fill in the blank.

1. 2 × 5 = _____
2. 5 × 5 = _____
3. 5 × 2 = _____
4. 4 × 5 = _____
5. 3 × 4 = _____
6. 5 × 3 = _____

3. Word problems

Solve. Show your work.

1. **What does 4 × 3 mean? Draw a picture.**

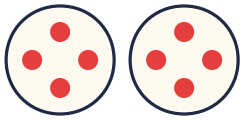
2. **Write a story for 5 × 2.**

Answer Key

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1. Use the pictures

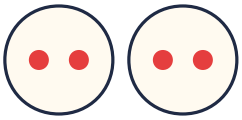
1.



2 groups of **4** = **8**

2 × **4** = **8**

2.



2 groups of **2** = **4**

2 × **2** = **4**

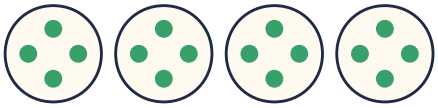
3.



5 groups of **3** = **15**

5 × **3** = **15**

4.



4 groups of **4** = **16**

4 × **4** = **16**

5.



3 groups of **2** = **6**

3 × **2** = **6**

6.



3 groups of **5** = **15**

3 × **5** = **15**

2. More practice

1. 2 × 5 = **10**
2. 5 × 5 = **25**
3. 5 × 2 = **10**
4. 4 × 5 = **20**
5. 3 × 4 = **12**
6. 5 × 3 = **15**

3. Word problems

Answers.

1. **What does 4 × 3 mean? Draw a picture.**
   4 groups of 3. Drawing 4 circles with 3 dots in each shows 12.
2. **Write a story for 5 × 2.**
   Example: 5 children each have 2 apples. There are 10 apples.