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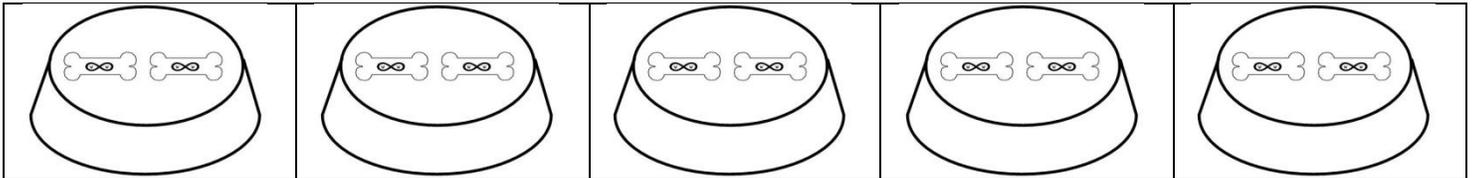
Please visit [www.worksheetsandwalkthroughs.com](http://www.worksheetsandwalkthroughs.com) for a complete walkthrough of this worksheet and topic.

## Multiplying Single Digit Numbers

### *Dog Bones and Bowls*

(3.OA.1)

**Example:** Fuzzology the dog got 2 dog bone treats in his bowl each day. How many bones did he get in 5 days?



**Solution #1** – You could use repeated addition to solve the problem:

Since Fuzzology got 2 bones per day for 5 days.....you could write  $2+2+2+2+2=10$  bones.

**Solution #2** – You could use MULTIPLICATION to solve the problem:

You could write  $5 \times 2 = 10$  bones.... Think of it this way, the multiplication symbol “ $\times$ ” means “groups of”.

The picture above helps us to see that there are 5 groups of 2 bones. So there must be 10 bones alto together!

Let's put it in a sentence. Fuzzology got 10 bones in 5 days.

Directions: Use the dog bones and bowls cut outs (on the following page) to solve the following multiplication word problems. Use numbers, pictures, and words for a complete answer.

What if Fuzzology got....

① ...5 dog bone treats in his bowl each day. How many bones did he get in 4 days?

② ...6 dog bone treats in his bowl each day. How many bones did he get in 3 days?

③ ...9 dog bone treats in his bowl each day. How many bones did he get in 5 days?

④ ...3 dog bone treats in his bowl each day. How many bones did he get in 7 days?

☀ **Play the game!** You'll need 2 dice or a spinner, dog bone and bowl cut-outs, paper and pencil.

**Directions:** ① Roll the dice. ② Have one die represent the number of dog bones and the other, the number of bowls. ③ Write the multiplication sentence. ④ Calculate the number of total dog bones. ⑤ Write the answer in a complete sentence. ⑥ Repeat as many times as you like. Have fun!



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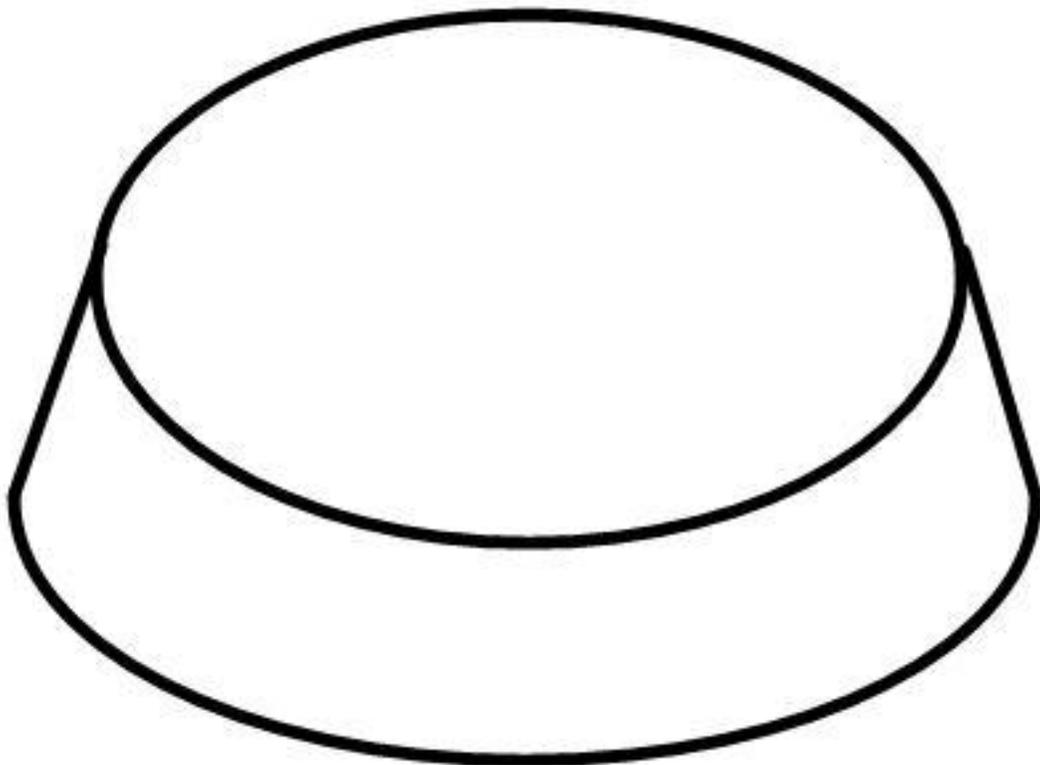
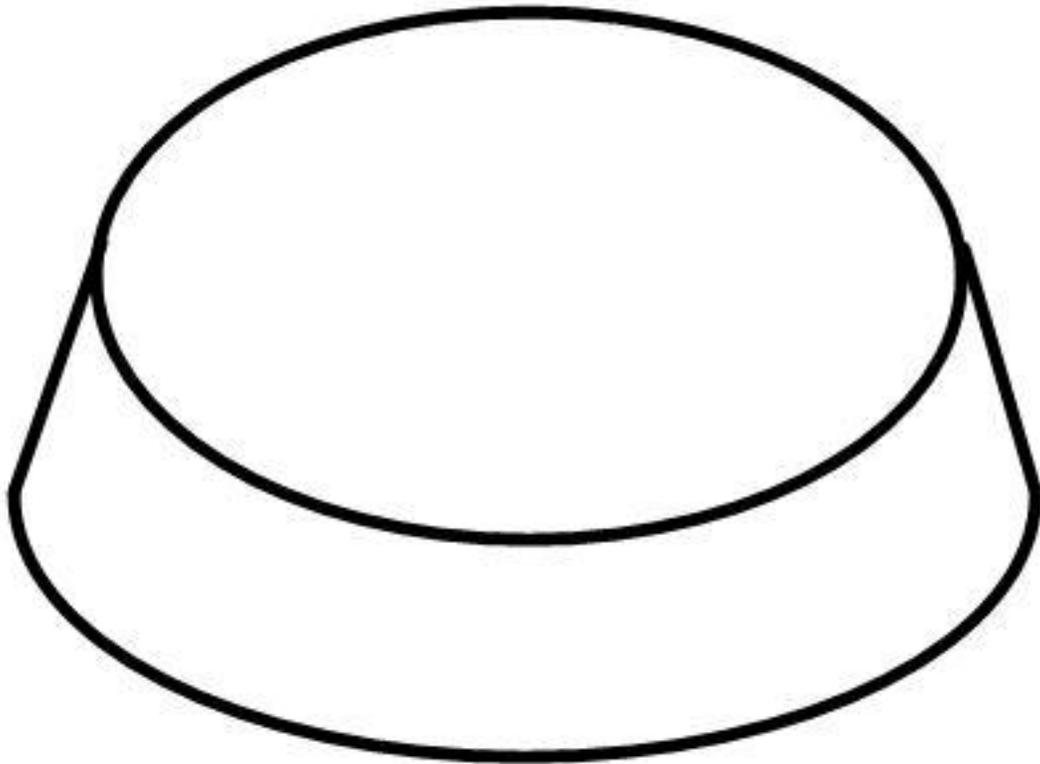
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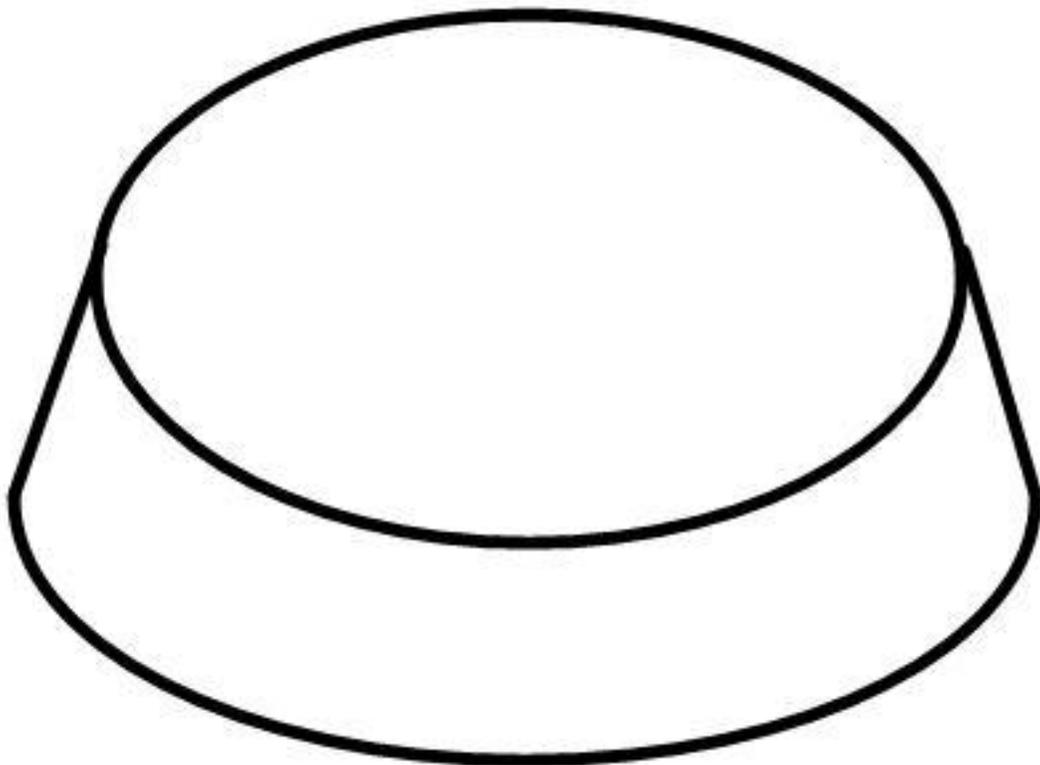
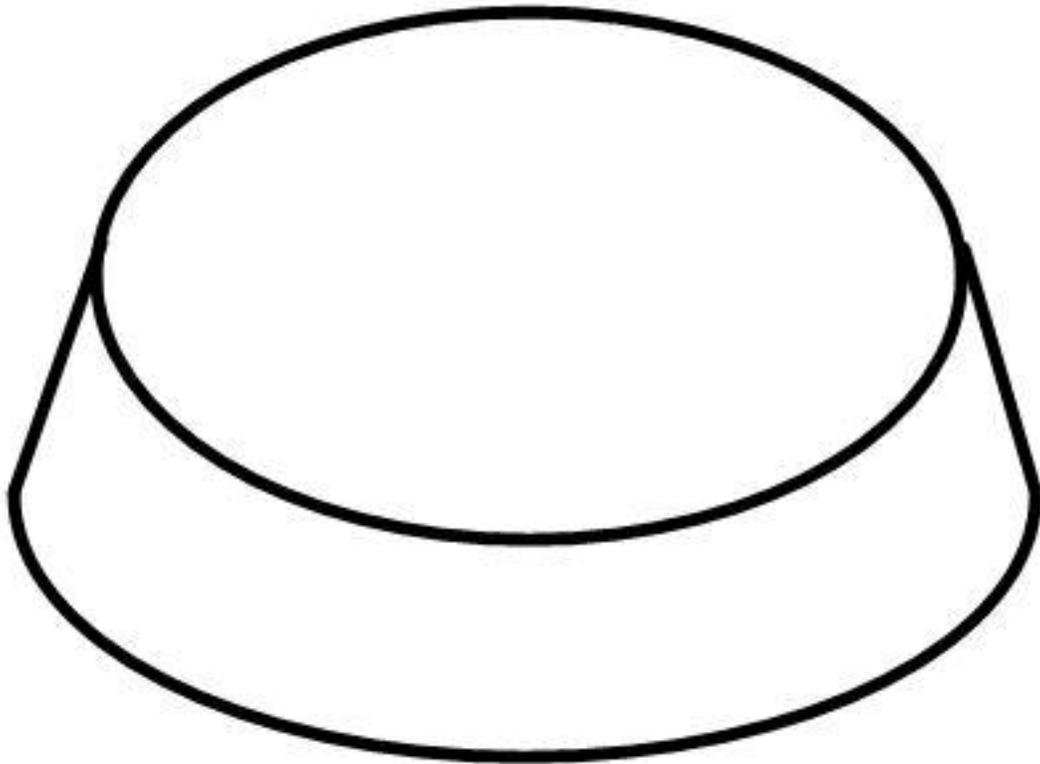
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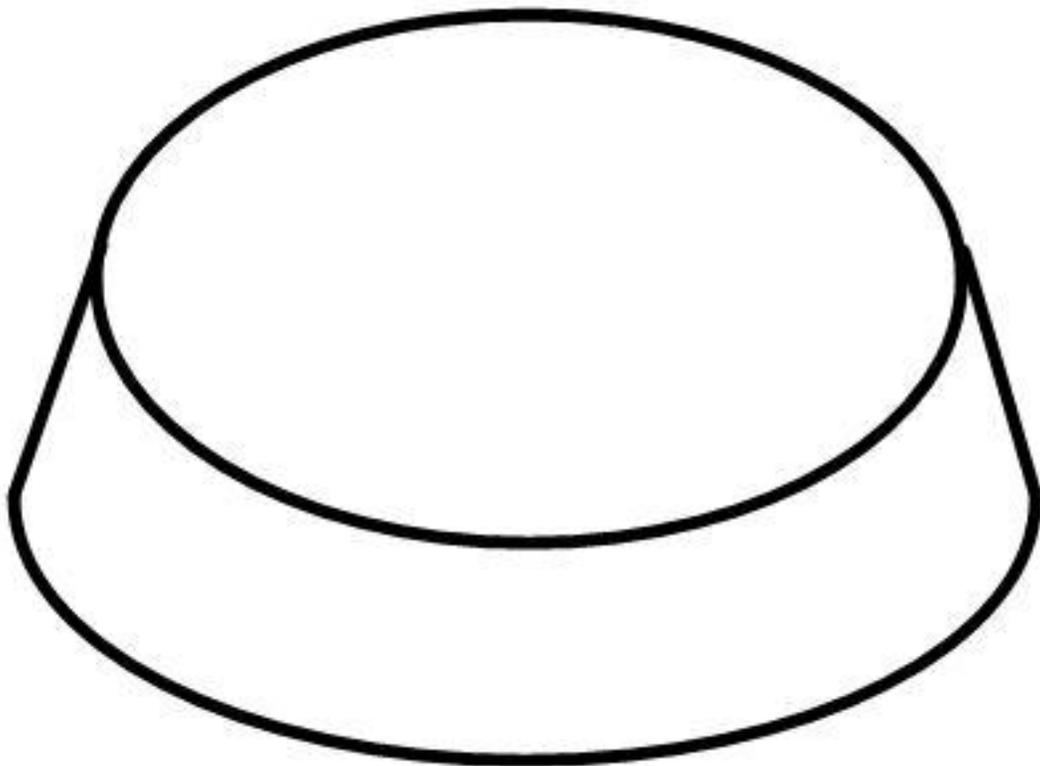
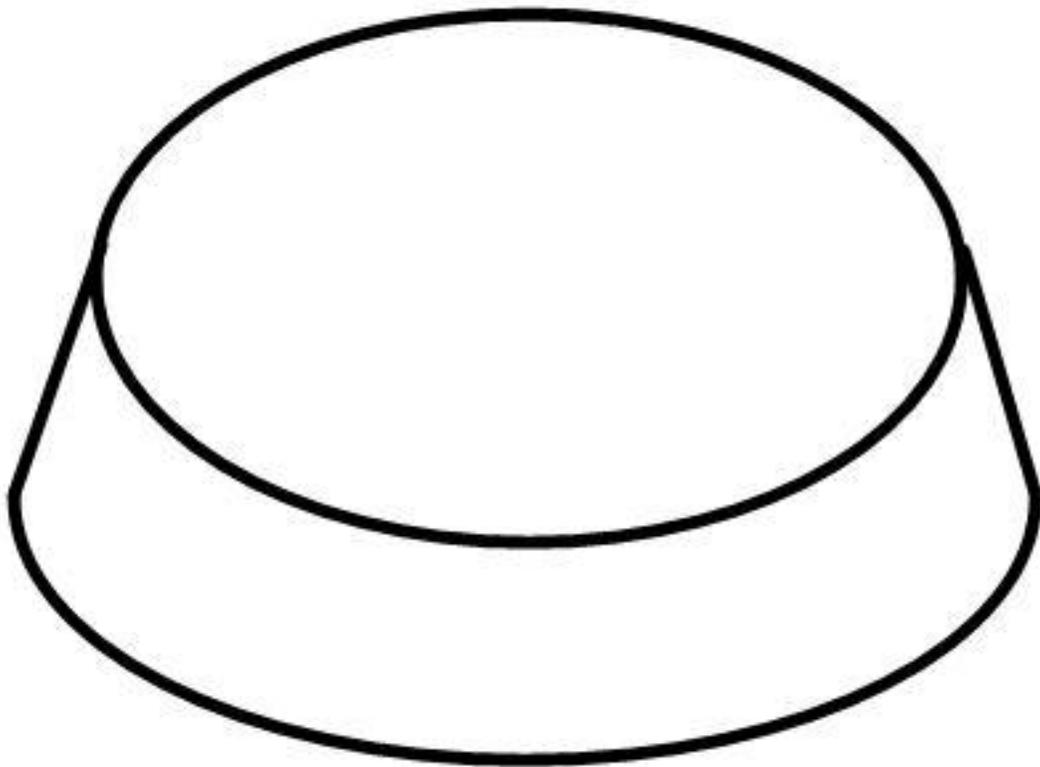
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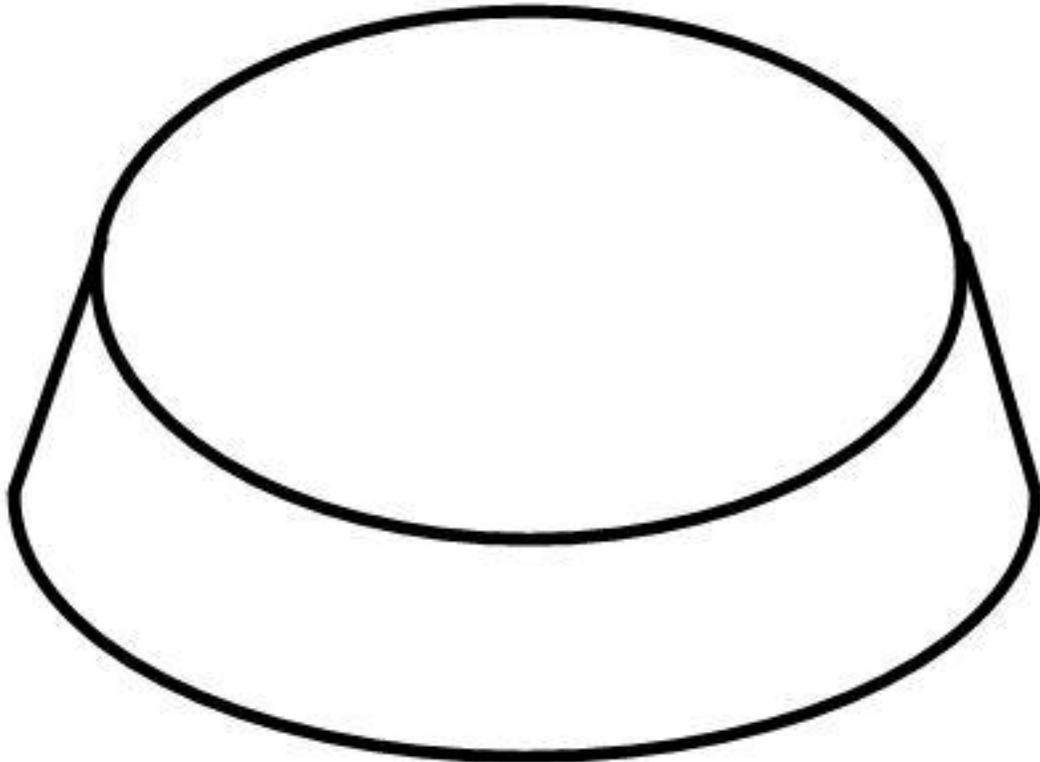
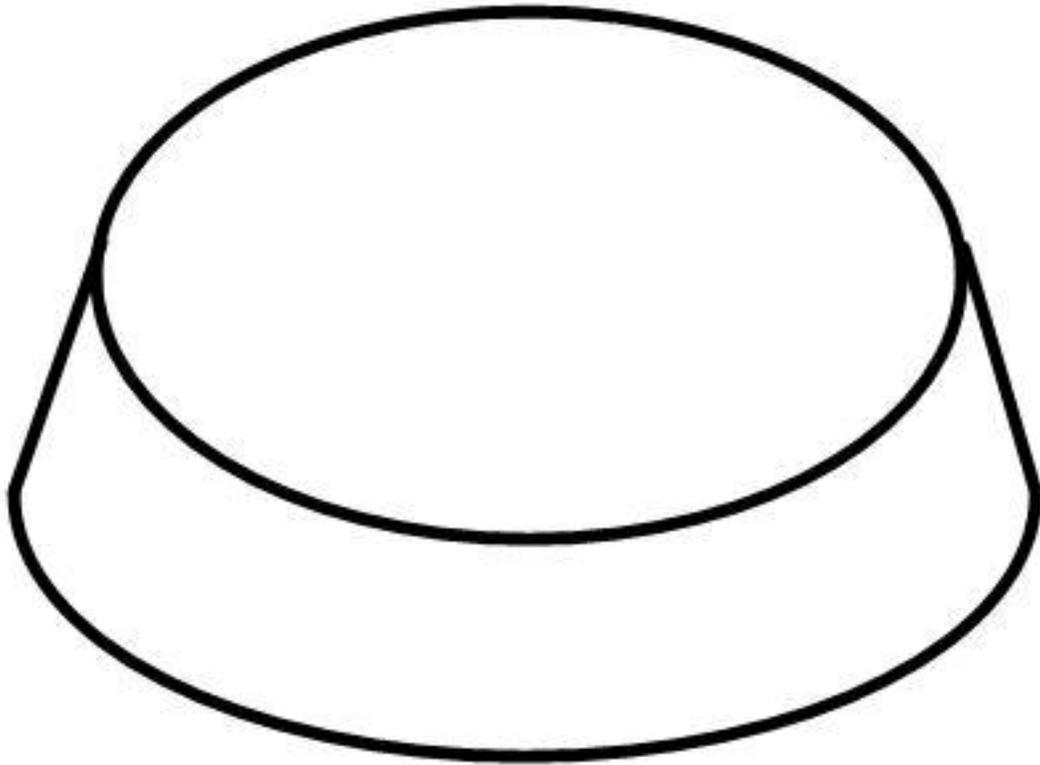
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