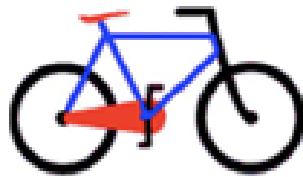# Cycle Shop Task

Bicycle   Tricycle

I love riding my bike, have you ever ridden one? What different types of bikes are there?

Today we are going to imagine that we own our own cycle shop! We sell bicycles and tricycles.

One day, we get a shipment of 8 wheels. If all our cycles use the same type of wheel, what are all the combinations of cycles you can make using all 8 wheels?

Hints

How many wheels does a bike have? What about a tricycle?

How can we represent the different cycles on our board?

Is there a way to organize the information?

Extensions

What is we also sold a unicycle-it only has 1 wheel? What are the combinations we could make then with 8 wheels?

What if we got a shipment of 15 wheels? What are all of the combinations?

Create your own cycle shop story for others to solve!

Check your understanding

Name_____

In the area below, show me 4 or more ways to make

MILD: 10   MEDIUM: 14   SPICY: 24

Be creative!

Can you think of more? Show me!

Success Criteria

MA.3AR.1.2, MA.K12.MRT.4.1, MA.K12.MTR.7

4	I can solve the extension OR create my own problem to solve. I can connect different groups math to the problem.

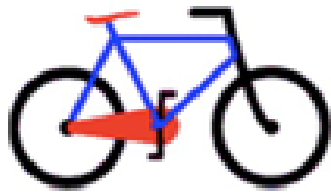| 3	I can solve one and two step real-world problems involving any of the four operations. I can justify our team answer. I can use models to represent and solve problems.

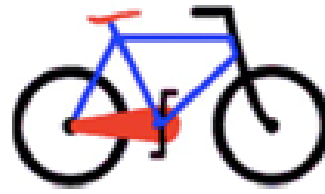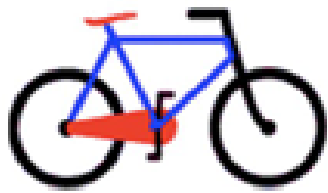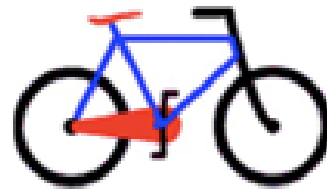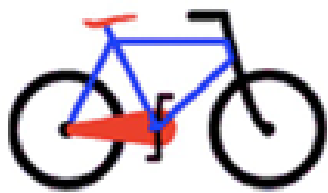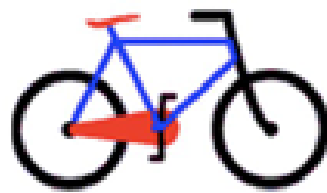| 2	I can talk about my math ideas and listen to the math ideas of others. I can read a word problem and determine what steps to take to try to solve it

Bicycle

Tricycle

Bicycle

Tricycle

Bicycle

Tricycle

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