Name _____

Galactic Math Missions

Each problem involves a **multiplication and division fact family**. Students should write **all related facts** for each situation (two multiplication and two division equations).

1. Alien Supply Pods - Fact Family: ___, ___ , ___

Each cargo pod holds 6 supply crates. The space station receives 8 pods. How many crates arrive in total?

____ x ____ = ____

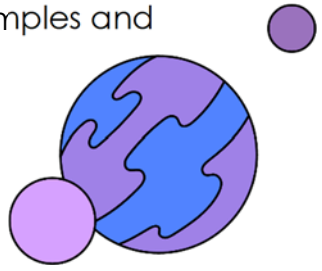
____ x ____ = ____

____ ÷ ____ = ____

____ ÷ ____ = ____

2. Meteor Samples - Fact Family: ___, ___ , ___

The research team collected 42 meteor samples and stored them in 7 boxes.
How many samples are in each box?



____ x ____ = ____

____ x ____ = ____

____ ÷ ____ = ____

____ ÷ ____ = ____

3. Robot Builders - Fact Family: ___, ___ , ___

Each robot has 4 arms, and the engineers built 9 robots.
How many robot arms are there altogether?

____ x ____ = ____

____ x ____ = ____

____ ÷ ____ = ____

____ ÷ ____ = ____

4. Moon Rovers - Fact Family: ___, ___ , ___

There are 5 moon rovers, and each rover has 8 wheels.
How many wheels are there in total?

____ x ____ = ____

____ x ____ = ____

____ ÷ ____ = ____

____ ÷ ____ = ____

5. Satellite Panels - Fact Family: ___, ___ , ___

Each satellite has 6 solar panels. If 10 satellites are launched, how many panels are there in all?

____ x ____ = ____

____ x ____ = ____

____ ÷ ____ = ____

____ ÷ ____ = ____