

Handout #1 /Task Card #1

Cargo Specialist

Handout #1: Food



Planet Team: Jupiter Saturn Uranus Neptune Pluto
(circle one)

Handout #1 /Task Card #1

Cargo Specialist

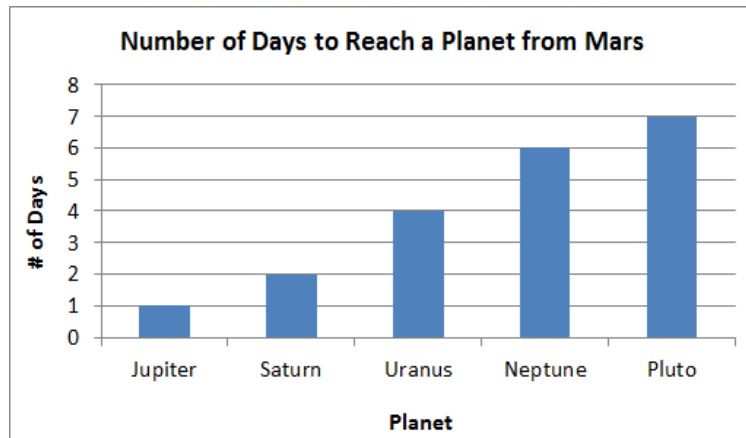
Handout #1: Food



Planet Team: Jupiter Saturn Uranus Neptune Pluto
(circle one)

Travel Time

You are on Mars. Look for your team's planet on the number line below. Using the number line, decide how long it will take to travel from Mars to your team's planet.

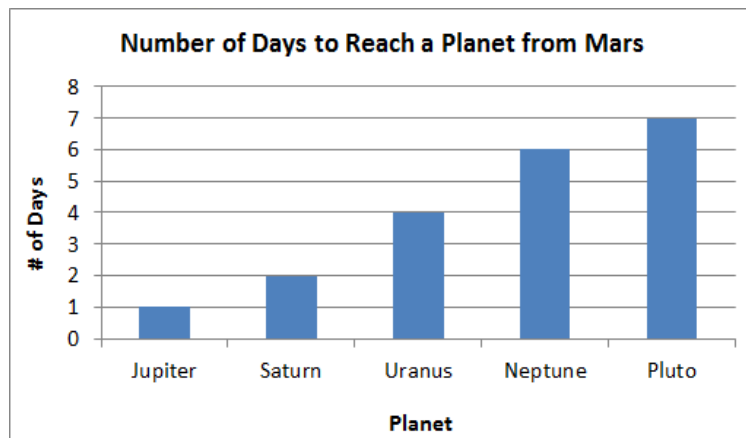


Travel Time:

It will take _____
days to get from Mars
to our planet.

Travel Time

You are on Mars. Look for your team's planet on the number line below. Using the number line, decide how long it will take to travel from Mars to your team's planet.



Travel Time:

It will take _____
days to get from Mars
to our planet.

Handout #1 /Task Card #3

Planning for the Trip Out to the Planet: Food

Find out the number of food packs needed by each astronaut per day by using your team data computer.



Look at the computer.

Total food packs needed by an astronaut for each day of the trip is

Handout #1 /Task Card #3

Planning for the Trip Out to the Planet: Food

Find out the number of food packs needed by each astronaut per day by using your team data computer.



Look at the computer.

Total food packs needed by an astronaut for each day of the trip is

Planning for the Total Food Packs Needed

There will be two astronauts for the trip out. There will be four astronauts on the return trip.



Number of Astronauts on the Trip Out

A



Number of Astronauts on the Return Trip

B

Planning for the Total Food Packs Needed

There will be two astronauts for the trip out. There will be four astronauts on the return trip.



Number of Astronauts on the Trip Out

A



Number of Astronauts on the Return Trip

B

Total Food Packs for the Trip

Trip Out Days

Food Packs per Day

of Astronauts

Food Packs for Trip Out

x

x

=

Answer from card #2

Answer from card #3

Answer from card #4
Box A

+

Return Trip Days

Food Packs per Day

of Astronauts

Food Packs for Return Trip

x

x

=

Answer from card #2

Answer from card #3

Answer from card #4
Box B**Total food packs for the round-trip** =
(Total Food Packs Out + Total Food Packs Return)**Total Food Packs for the Trip**

Trip Out Days

Food Packs per Day

of Astronauts

Food Packs for Trip Out

x

x

=

Answer from card #2

Answer from card #3

Answer from card #4
Box A

+

Return Trip Days

Food Packs per Day

of Astronauts

Food Packs for Return Trip

x

x

=

Answer from card #2

Answer from card #3

Answer from card #4
Box B**Total food packs for the round-trip** =
(Total Food Packs Out + Total Food Packs Return)

Packing the Crates

Now, you have to figure out how many packing crates will you need.

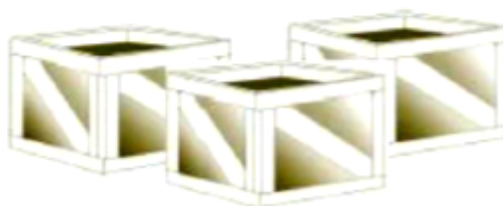
Two food packs fit into one packing crate: How many crates will you pack into the rescue ship?

To figure this out, divide the number of food packs by 2. If you have a decimal remainder, put the remaining food packs in another crate.

$$\underline{\hspace{2cm}} \div 2 = \underline{\hspace{2cm}} \text{ crates needed}$$

Total # of Food Packs Needed for the Trip

Answer from the bottom of card #5



Packing the Crates

Now, you have to figure out how many packing crates will you need.

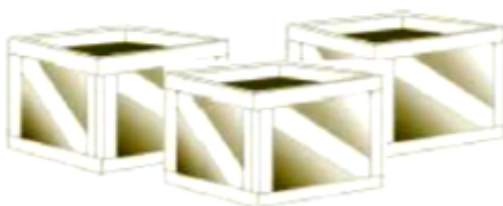
Two food packs fit into one packing crate: How many crates will you pack into the rescue ship?

To figure this out, divide the number of food packs by 2. If you have a decimal remainder, put the remaining food packs in another crate.

$$\underline{\hspace{2cm}} \div 2 = \underline{\hspace{2cm}} \text{ crates needed}$$

Total # of Food Packs Needed for the Trip

Answer from the bottom of card #5



Handout #1/Task Card #7

Total Amount of Food Needed for Rescue Trip

PLANET TEAM (circle): JUPITER SATURN URANUS NEPTUNE PLUTO

Number of days for the trip out
(see Task Card #2)Number of food packs needed for round-trip
(see Task Card #5)Number of crates of food packs needed for round-trip
(see Task Card #6)

TAKE THIS BOOKLET TO YOUR COMMUNICATION OFFICER
IF THE COMMANDER APPROVES YOUR DATA. WRITE THIS
 INFORMATION ON THE CARGO TEAM CHART IMMEDIATELY

Handout #1/Task Card #7

Total Amount of Food Needed for Rescue Trip

PLANET TEAM (circle): JUPITER SATURN URANUS NEPTUNE PLUTO

Number of days for the trip out
(see Task Card #2)Number of food packs needed for round-trip
(see Task Card #5)Number of crates of food packs needed for round-trip
(see Task Card #6)

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IF THE COMMANDER APPROVES YOUR DATA. WRITE THIS
 INFORMATION ON THE CARGO TEAM CHART IMMEDIATELY