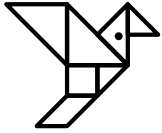




Learn a new puzzle

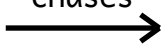
River Crossing



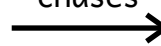
Get everyone across the river safely.



chases

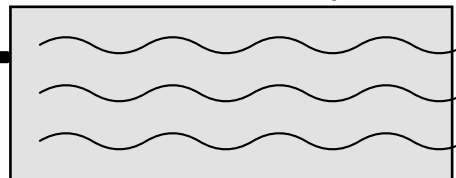


chases



The boat holds you and 1 animal.

Never leave a chaser with the one it chases, unless you are there.



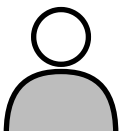
river

other side

Write who rides with you on each trip (or 'alone').

Trip 1 →
Trip 2 ←
Trip 3 →
Trip 4 ←
Trip 5 →
Trip 6 ←
Trip 7 →

- 1 Before each trip, check who is left behind.
- 2 A chaser can't stay with the one it chases unless you are there.
- 3 You may bring an animal back!



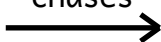
Ask: who is safe to leave together?



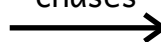
1 River Crossing Get everyone across the river safely.



chases

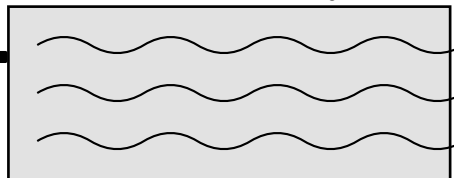


chases



The boat holds you and 1 animal.

Never leave a chaser with the one it chases, unless you are there.



other side

river

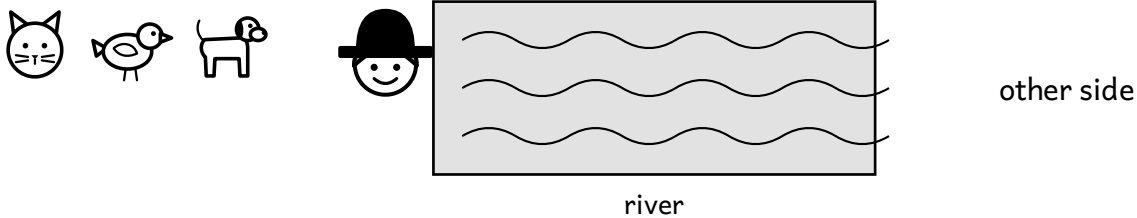
Write who rides with you on each trip (or 'alone').

Trip 1 →
Trip 2 ←
Trip 3 →
Trip 4 ←
Trip 5 →
Trip 6 ←
Trip 7 →
Trip 8 ←
Trip 9 →

**2****River Crossing** Get everyone across the river safely.

The boat holds you and 1 animal.

Never leave a chaser with the one it chases, unless you are there.



Write who rides with you on each trip (or 'alone').

Trip 1 →
Trip 2 ←
Trip 3 →
Trip 4 ←
Trip 5 →
Trip 6 ←
Trip 7 →
Trip 8 ←
Trip 9 →

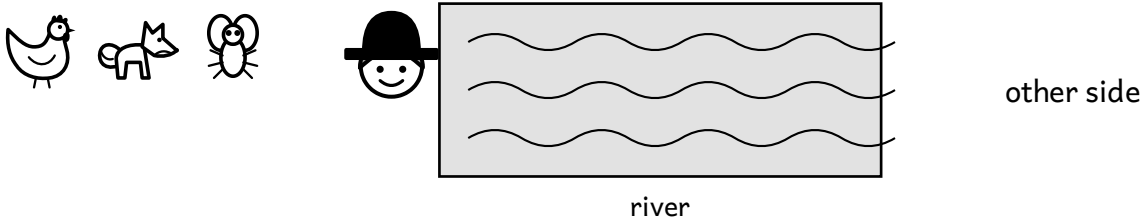


3 River Crossing Get everyone across the river safely.



The boat holds you and 1 animal.

Never leave a chaser with the one it chases, unless you are there.



Write who rides with you on each trip (or 'alone').

Trip 1 →
Trip 2 ←
Trip 3 →
Trip 4 ←
Trip 5 →
Trip 6 ←
Trip 7 →
Trip 8 ←
Trip 9 →

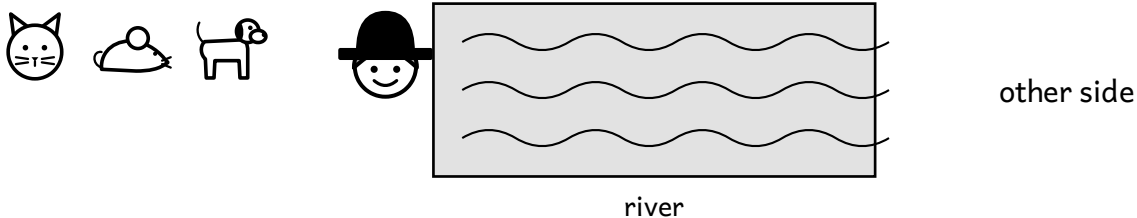


4 River Crossing Get everyone across the river safely.



The boat holds you and 1 animal.

Never leave a chaser with the one it chases, unless you are there.

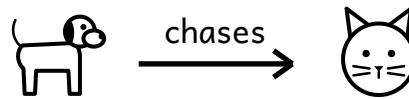
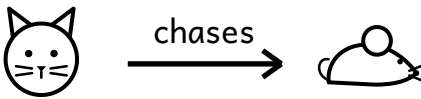


Write who rides with you on each trip (or 'alone').

Trip 1 →
Trip 2 ←
Trip 3 →
Trip 4 ←
Trip 5 →
Trip 6 ←
Trip 7 →
Trip 8 ←
Trip 9 →

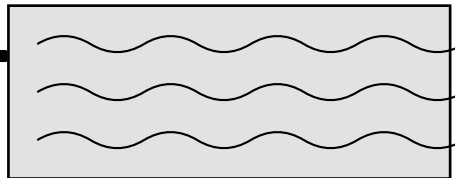
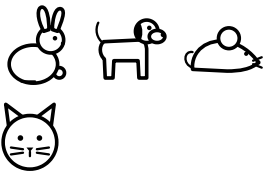


5 River Crossing Get everyone across the river safely.



The boat holds you and 2 animals.

Never leave a chaser with the one it chases, unless you are there.



river

other side

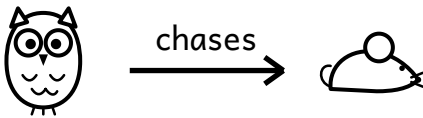
Write who rides with you on each trip (or 'alone').

Trip 1 →
Trip 2 ←
Trip 3 →
Trip 4 ←
Trip 5 →



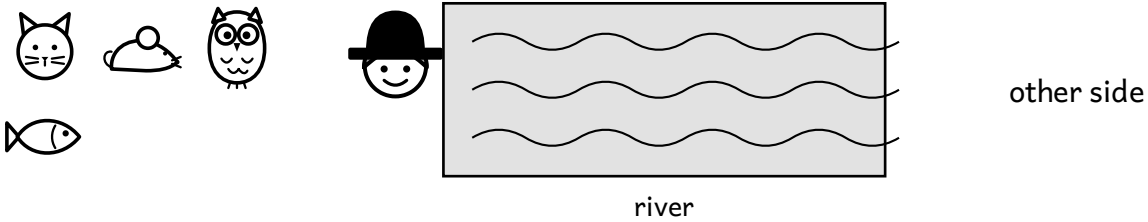
6

River Crossing Get everyone across the river safely.



The boat holds you and 2 animals.

Never leave a chaser with the one it chases, unless you are there.



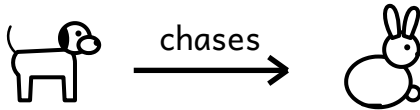
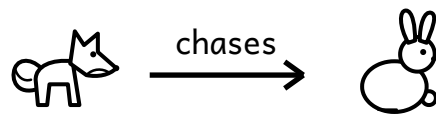
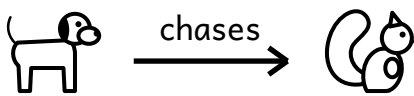
Write who rides with you on each trip (or 'alone').

Trip 1 →
Trip 2 ←
Trip 3 →
Trip 4 ←
Trip 5 →



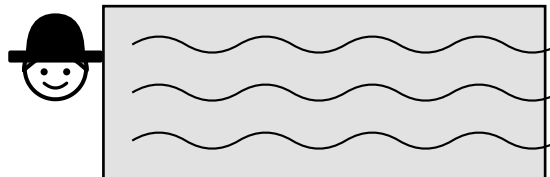
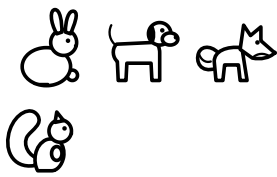
7

River Crossing Get everyone across the river safely.



The boat holds you and 2 animals.

Never leave a chaser with the one it chases, unless you are there.



other side

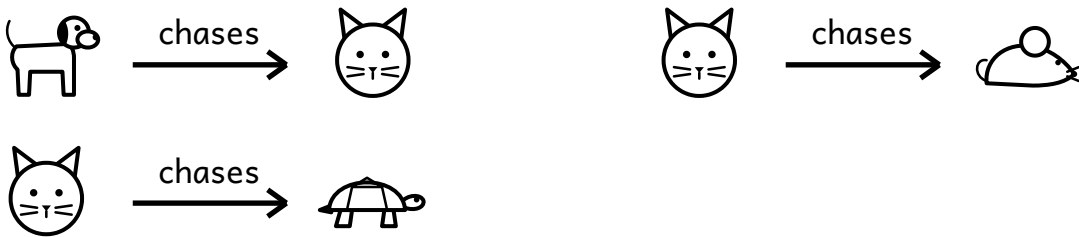
river

Write who rides with you on each trip (or 'alone').

Trip 1 →
Trip 2 ←
Trip 3 →
Trip 4 ←
Trip 5 →

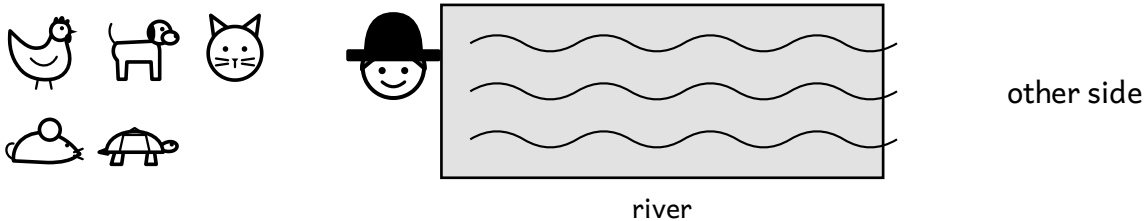


8 River Crossing Get everyone across the river safely.



The boat holds you and 2 animals.

Never leave a chaser with the one it chases, unless you are there.

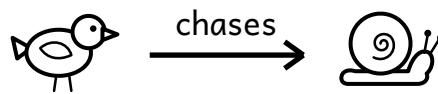
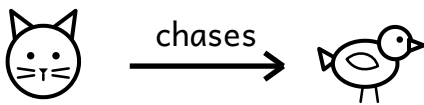
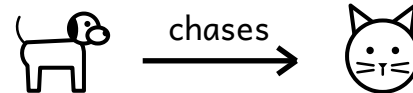
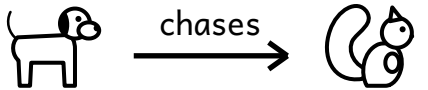


Write who rides with you on each trip (or 'alone').

Trip 1 →
Trip 2 ←
Trip 3 →
Trip 4 ←
Trip 5 →
Trip 6 ←
Trip 7 →

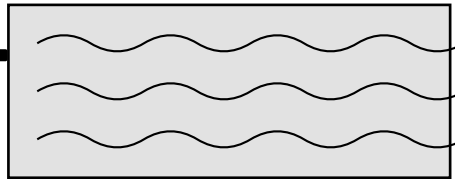
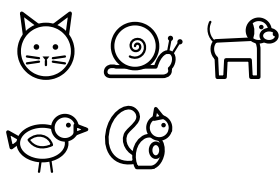


9 River Crossing Get everyone across the river safely.



The boat holds you and 2 animals.

Never leave a chaser with the one it chases, unless you are there.



other side

river

Write who rides with you on each trip (or 'alone').

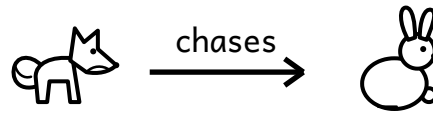
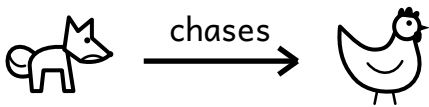
Trip 1 →
Trip 2 ←
Trip 3 →
Trip 4 ←
Trip 5 →
Trip 6 ←
Trip 7 →
Trip 8 ←
Trip 9 →



10

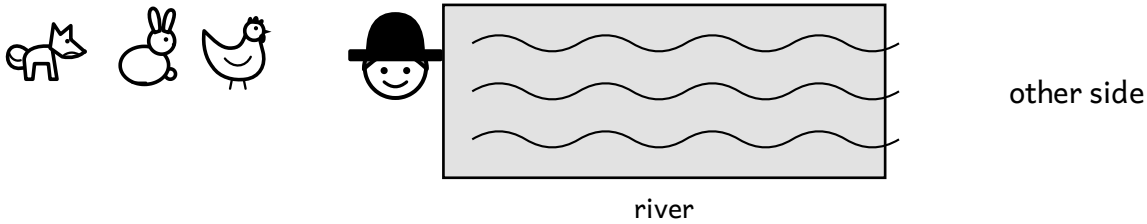
River Crossing

One trip leaves an animal alone with the one that chases it. Circle the first trip that goes wrong.



The boat holds you and 1 animal.

Never leave a chaser with the one it chases, unless you are there.



Here is a plan. Each trip shows who rides with you.

Trip 1 →	fox
Trip 2 ←	alone
Trip 3 →	bunny
Trip 4 ←	alone
Trip 5 →	hen



Answers For grown-ups. Cut off or keep this page aside until the puzzles are done.

Learn · River Crossing

7 trips: → bird ← alone → cat ←
bird → snail ← alone → bird

#1

7 trips: → turtle ← alone → cat ←
turtle → snail ← alone → turtle
7 trips at the fewest: 1. take the
turtle; 2. come back alone; 3. take the
cat; 4. bring the turtle back (it can't
stay with the cat); 5. take the snail; 6.
come back alone; 7. take the turtle.
Any safe plan that gets everyone
across is right.

#2

7 trips: → cat ← alone → dog ← cat
→ bird ← alone → cat
7 trips at the fewest: 1. take the cat;
2. come back alone; 3. take the dog; 4.
bring the cat back (it can't stay with
the dog); 5. take the bird; 6. come
back alone; 7. take the cat. Any safe
plan that gets everyone across is
right.

#3

7 trips: → hen ← alone → fox ← hen
→ fly ← alone → hen
7 trips at the fewest: 1. take the hen;
2. come back alone; 3. take the fox; 4.
bring the hen back (it can't stay with
the fox); 5. take the fly; 6. come back
alone; 7. take the hen. Any safe plan
that gets everyone across is right.

#4

7 trips: → cat ← alone → dog ← cat
→ mouse ← alone → cat
7 trips at the fewest: 1. take the cat;
2. come back alone; 3. take the dog; 4.
bring the cat back (it can't stay with
the dog); 5. take the mouse; 6. come
back alone; 7. take the cat. Any safe
plan that gets everyone across is
right.

#5

3 trips: → bunny+cat ← alone →
dog+mouse
3 trips at the fewest: 1. take the
bunny and the cat; 2. come back alone;
3. take the dog and the mouse. Any
safe plan that gets everyone across is
right.

#6

3 trips: → cat+owl ← alone →
mouse+fish
3 trips at the fewest: 1. take the cat
and the owl; 2. come back alone; 3.
take the mouse and the fish. Any safe
plan that gets everyone across is
right.

#7

3 trips: → dog+fox ← alone →
bunny+squirrel
3 trips at the fewest: 1. take the dog
and the fox; 2. come back alone; 3.
take the bunny and the squirrel. Any
safe plan that gets everyone across is
right.

#8

5 trips: → cat+mouse ← cat →
dog+turtle ← alone → hen+cat
5 trips at the fewest: 1. take the cat
and the mouse; 2. bring the cat back
(it can't stay with the mouse); 3. take
the dog and the turtle; 4. come back
alone; 5. take the hen and the cat. Any
safe plan that gets everyone across is
right.

#9

7 trips: → dog+bird ← alone → cat ←
dog+bird → snail+squirrel ← alone →
dog+bird
7 trips at the fewest: 1. take the dog
and the bird; 2. come back alone; 3.
take the cat; 4. bring the dog back (it
can't stay with the cat); 5. take the
snail and the squirrel; 6. come back
alone; 7. take the dog and the bird.
Any safe plan that gets everyone
across is right.

#10

Trip 4 goes wrong: the fox is left
with the bunny on the other side.
Trip 4 goes wrong. Trips 1 to 3 are
safe. After trip 4, you are on this side,
so the fox is left alone with the bunny
on the other side. The fox chases the
bunny.