

Addition and Subtraction of Money

Year 2 Autumn Term Week 4

Lesson 4

Today we will be learning to:

- make decisions if to use a + or –
- use inverse operations
- add a one-digit number to a teens number
- subtract a one-digit number from a twenties number
- add and subtract.

Excuse me, but
what does
inverse mean?

Inverse
means
opposite.



Mental Activity

What strategies could we use for subtracting?

Counting on from the smaller to the larger number on a number line.

Counting back from the larger number to the smaller number on a number line.

What other ways can we use?

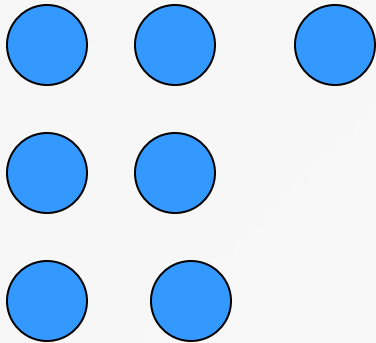
How could we check our subtraction answers?

We could use a method called an 'Inverse Operation'.

As the wise owl explained, the word 'Inverse' simply means opposite.

How could we check our subtraction answers?

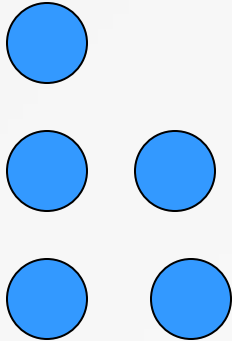
If we look at the subtraction $7 - 2 = ?$



How could we check our subtraction answers?

If we look at the subtraction $7 - 2 = ?$

$$7 - 2 = 5$$

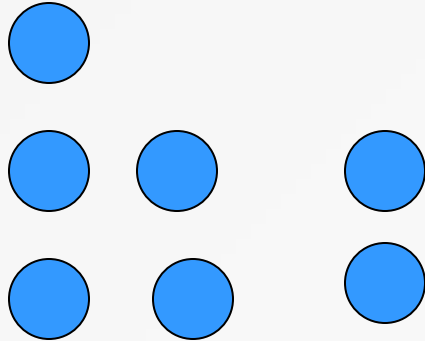


How could we check our subtraction answers?

$$7 - 2 = 5$$

$$\text{so } 5 + ? = 7$$

$$\text{so } 5 + 2 = 7$$



This is called an
'Inverse Operation'.

Main Activity

Today we are going to find ways of checking change.

Pick one of the cards on the next screen .

Work out the sequence of the other cards to make a complete circuit.

The answer at the top of each problem is in large print at the top of another card.

Task

10p

buy crisps

4p

6p

find

10p

16p

spend

8p

8p

win

2p

Task

10p
buy crisps
4p

6p
find
10p

$$10p - 4p = ?$$

16p
spend
8p

8p
win
2p

Task

10p
buy crisps
4p

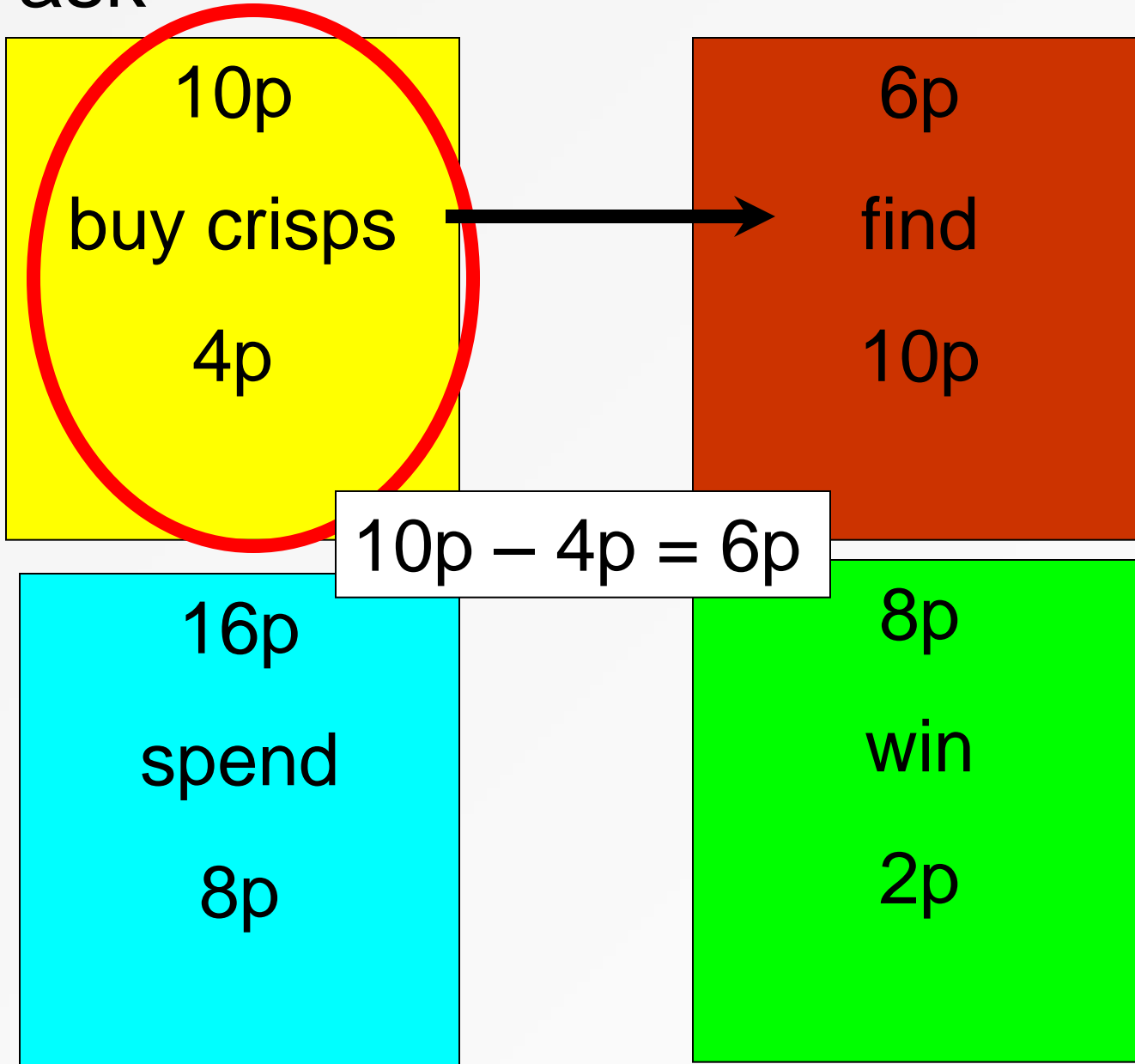
6p
find
10p

$$10p - 4p = 6p$$

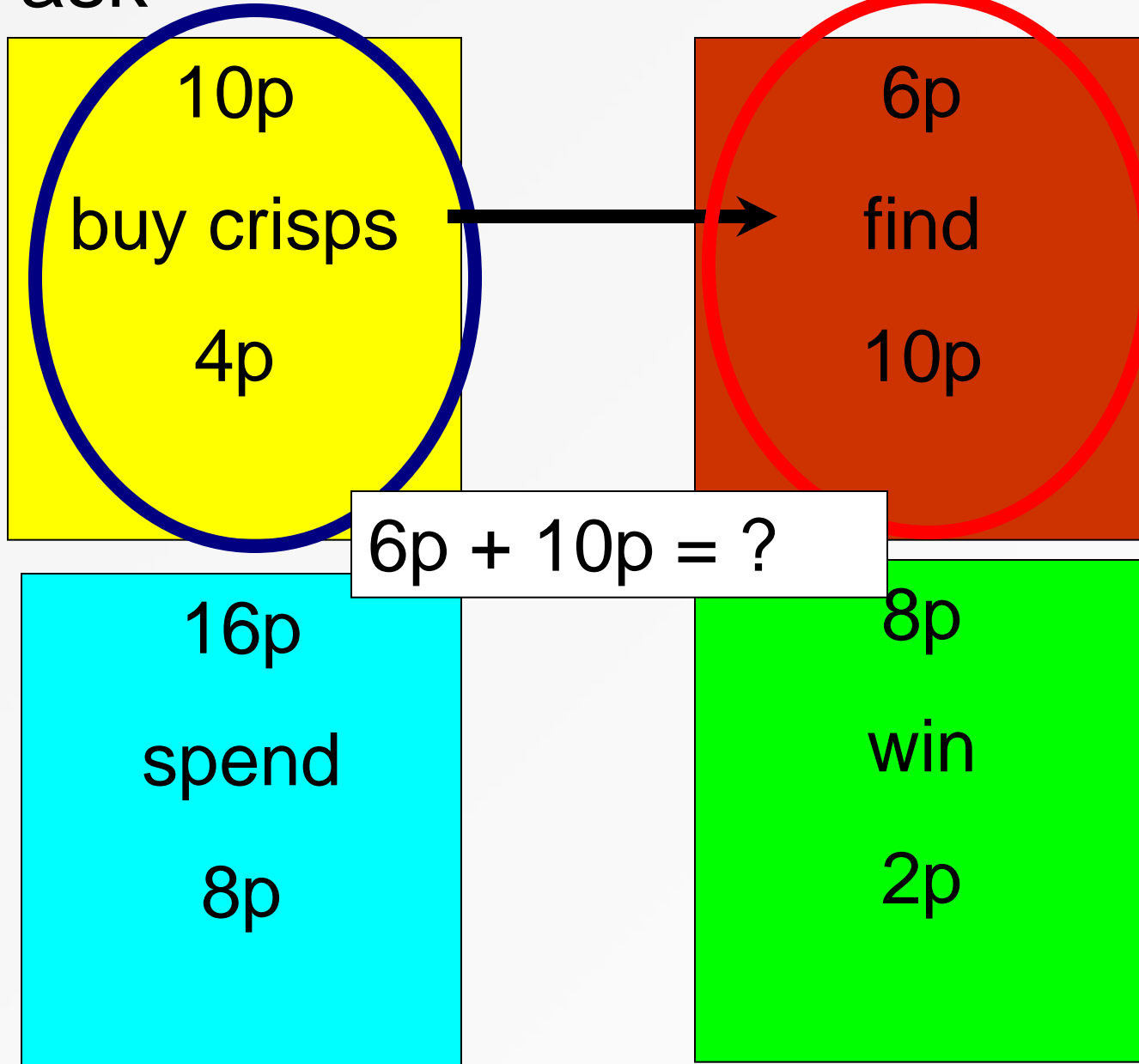
16p
spend
8p

8p
win
2p

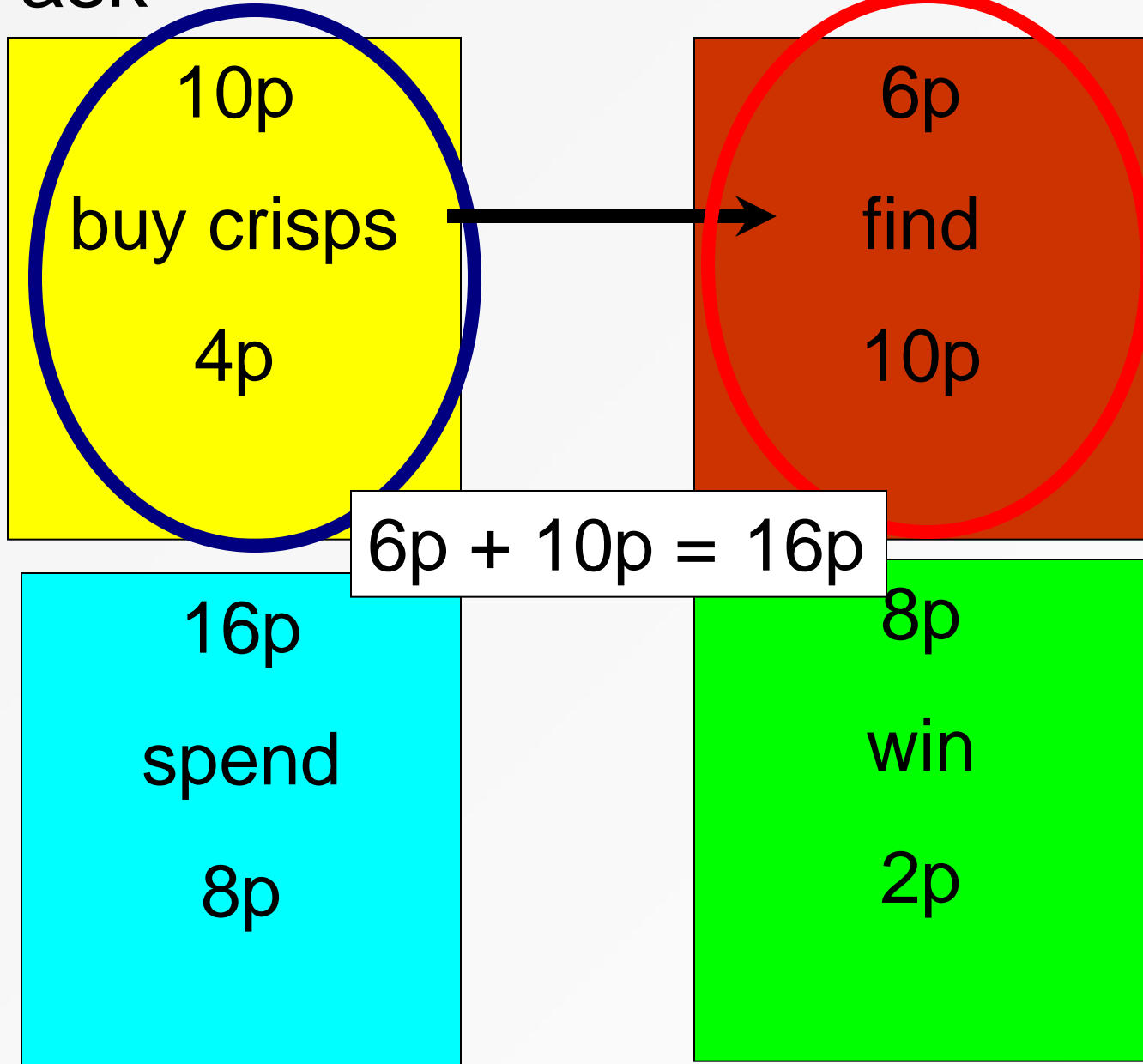
Task



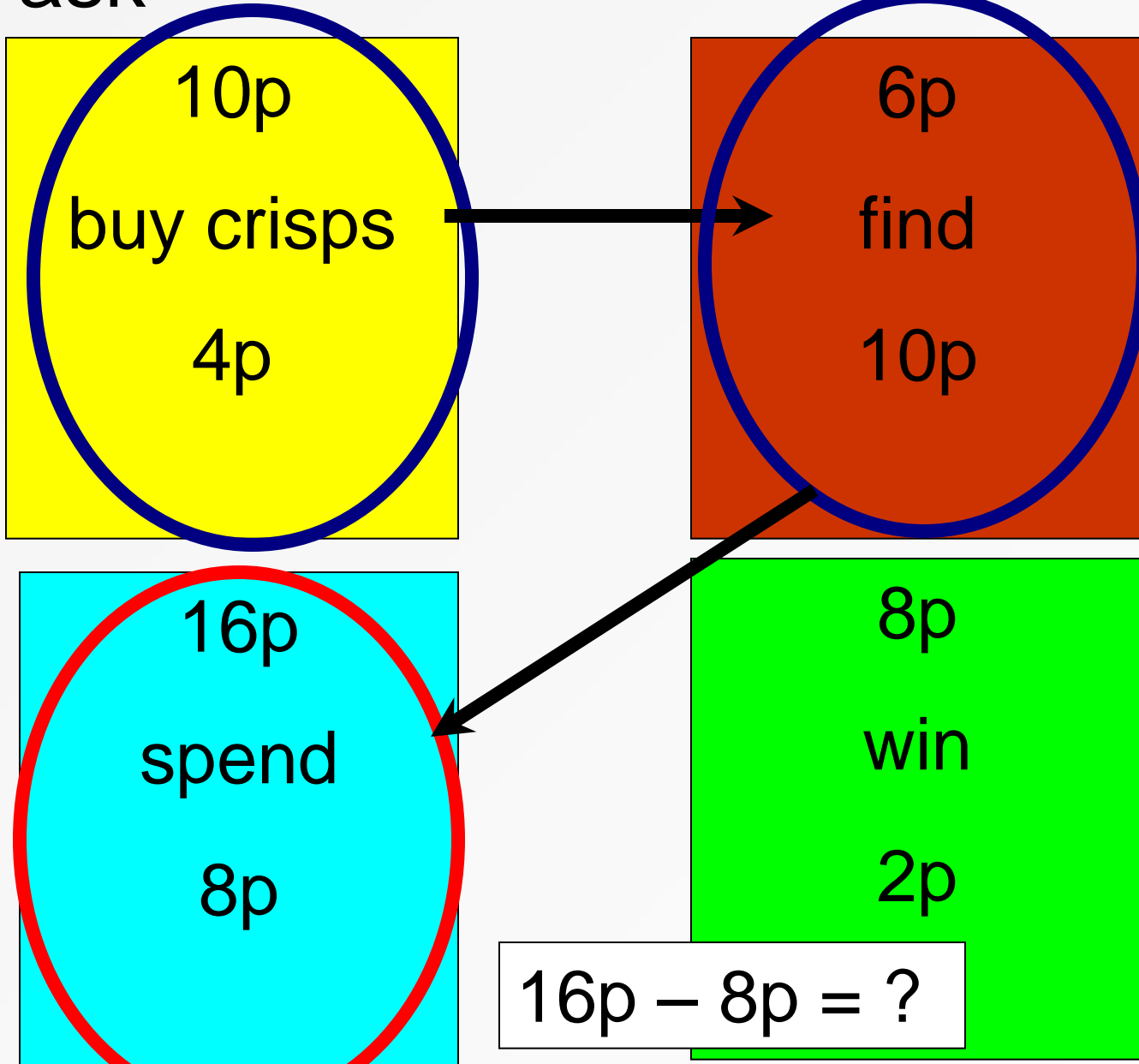
Task



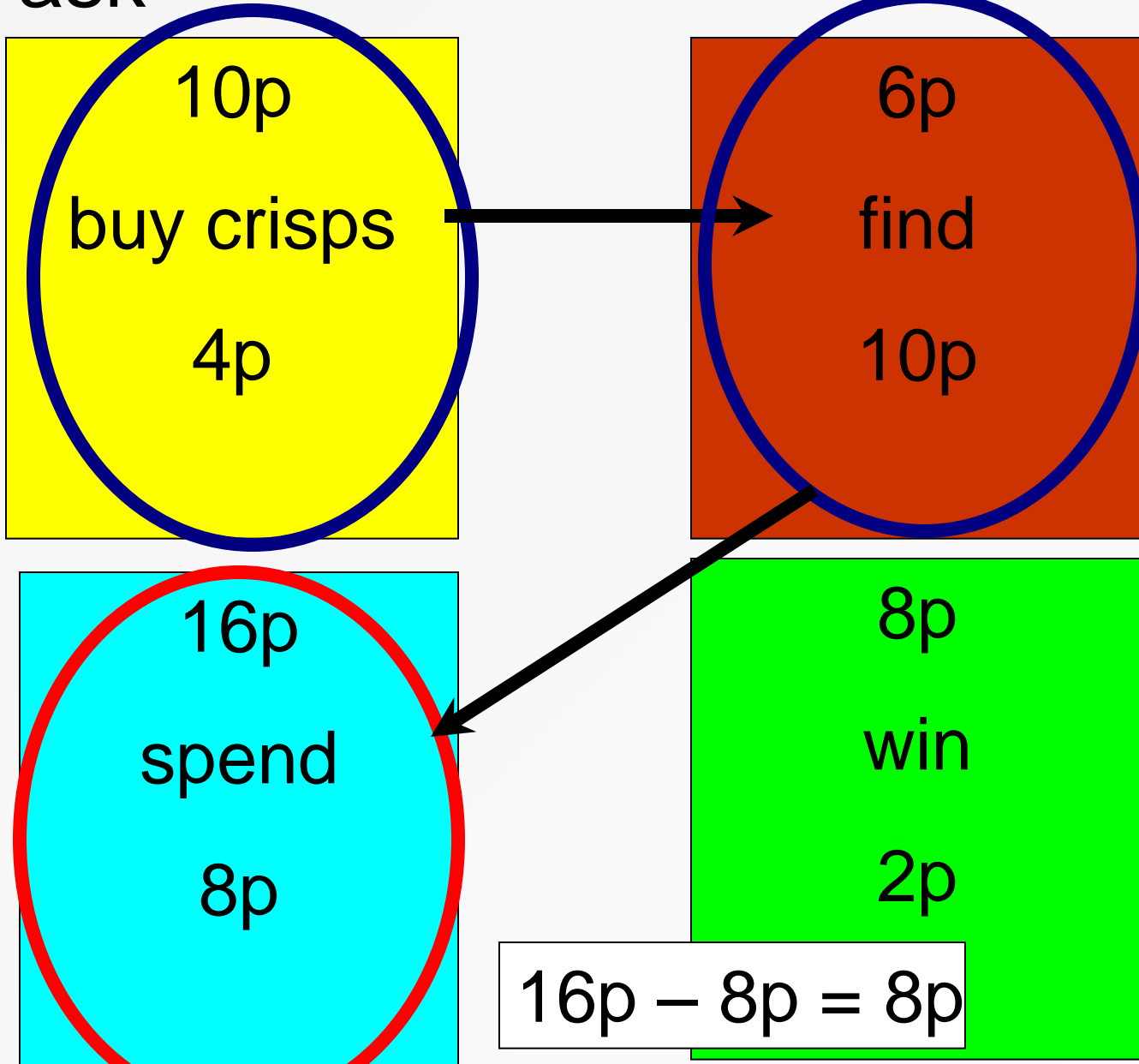
Task



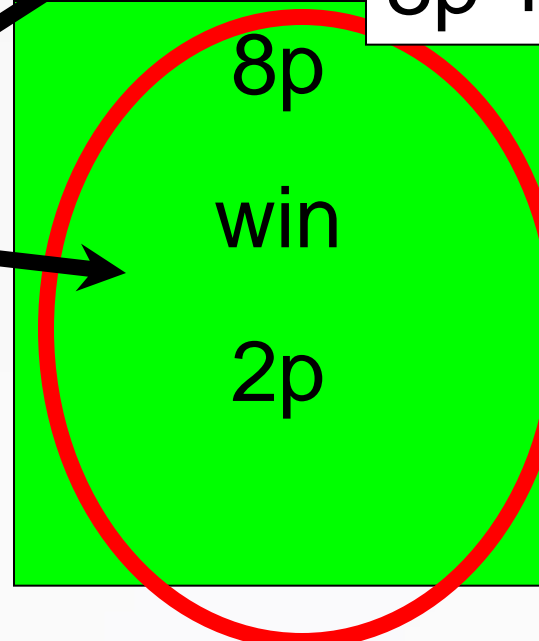
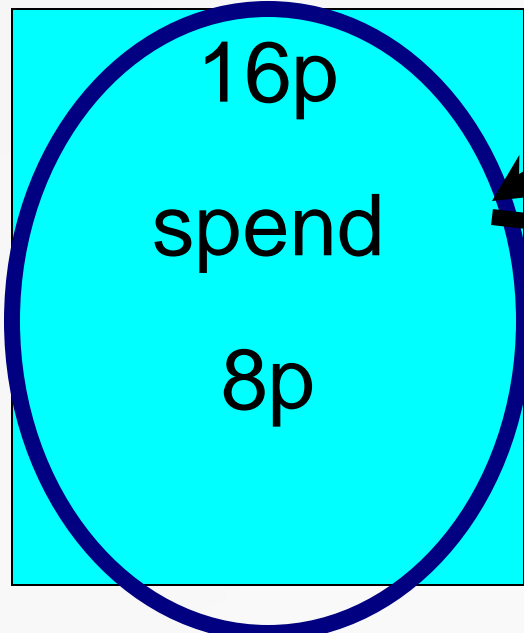
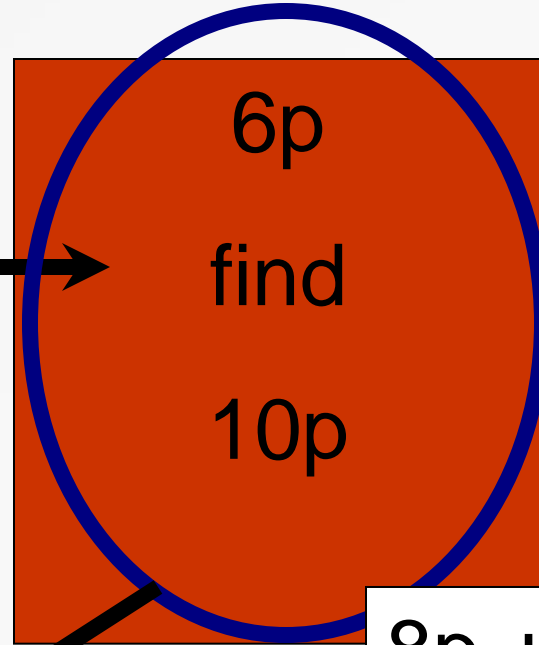
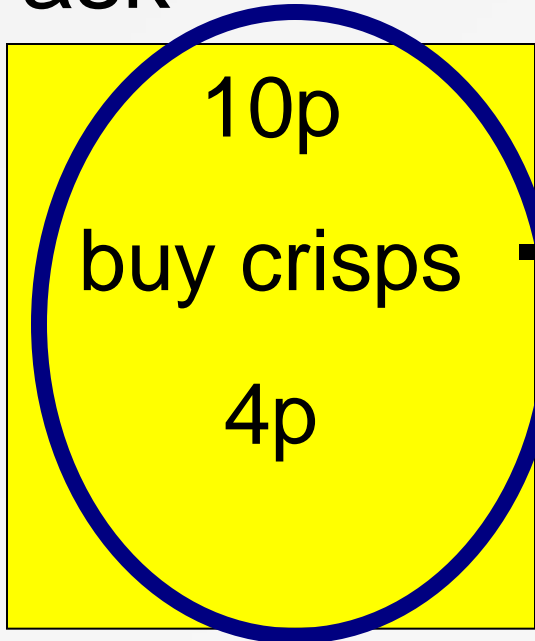
Task



Task



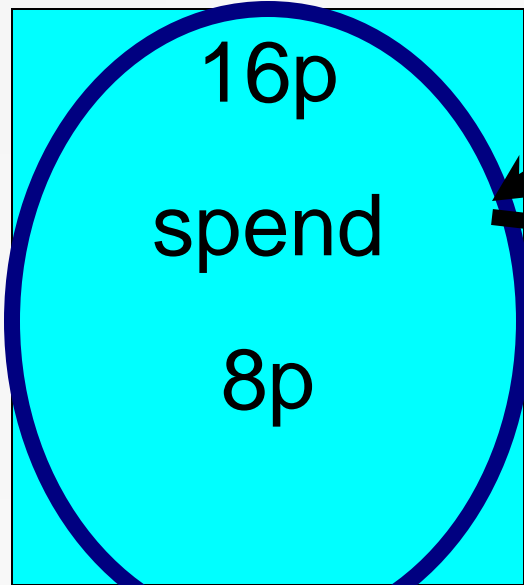
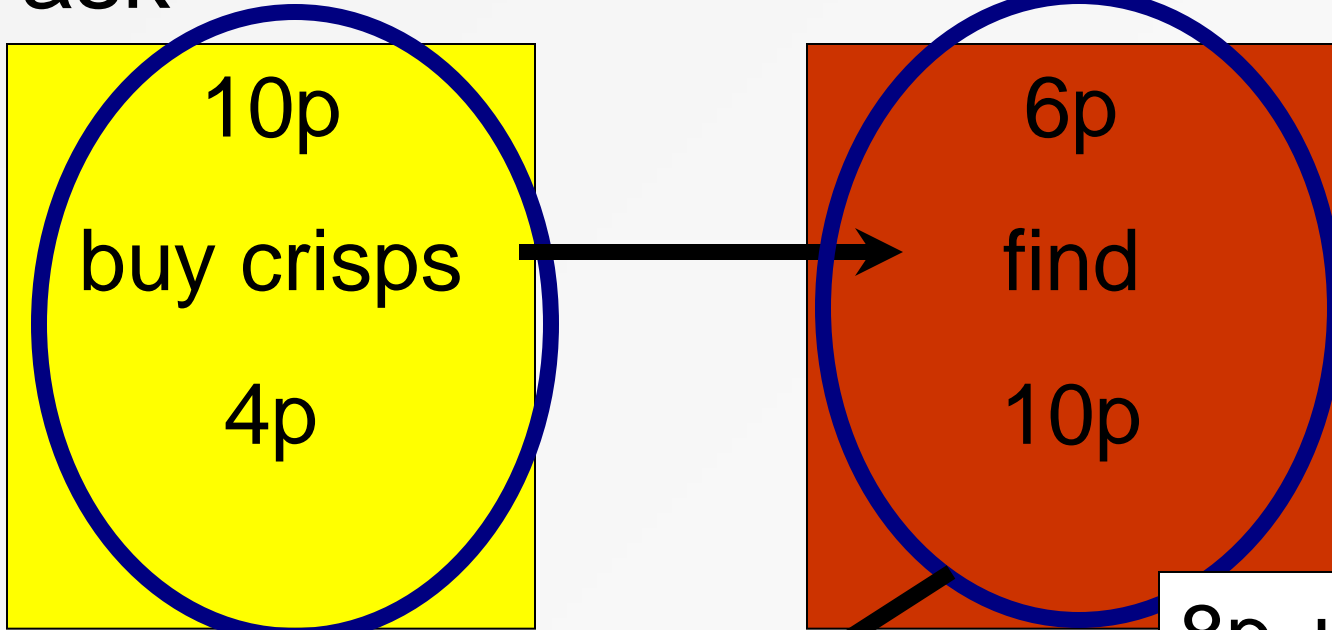
Task



$8p + 2p = ?$

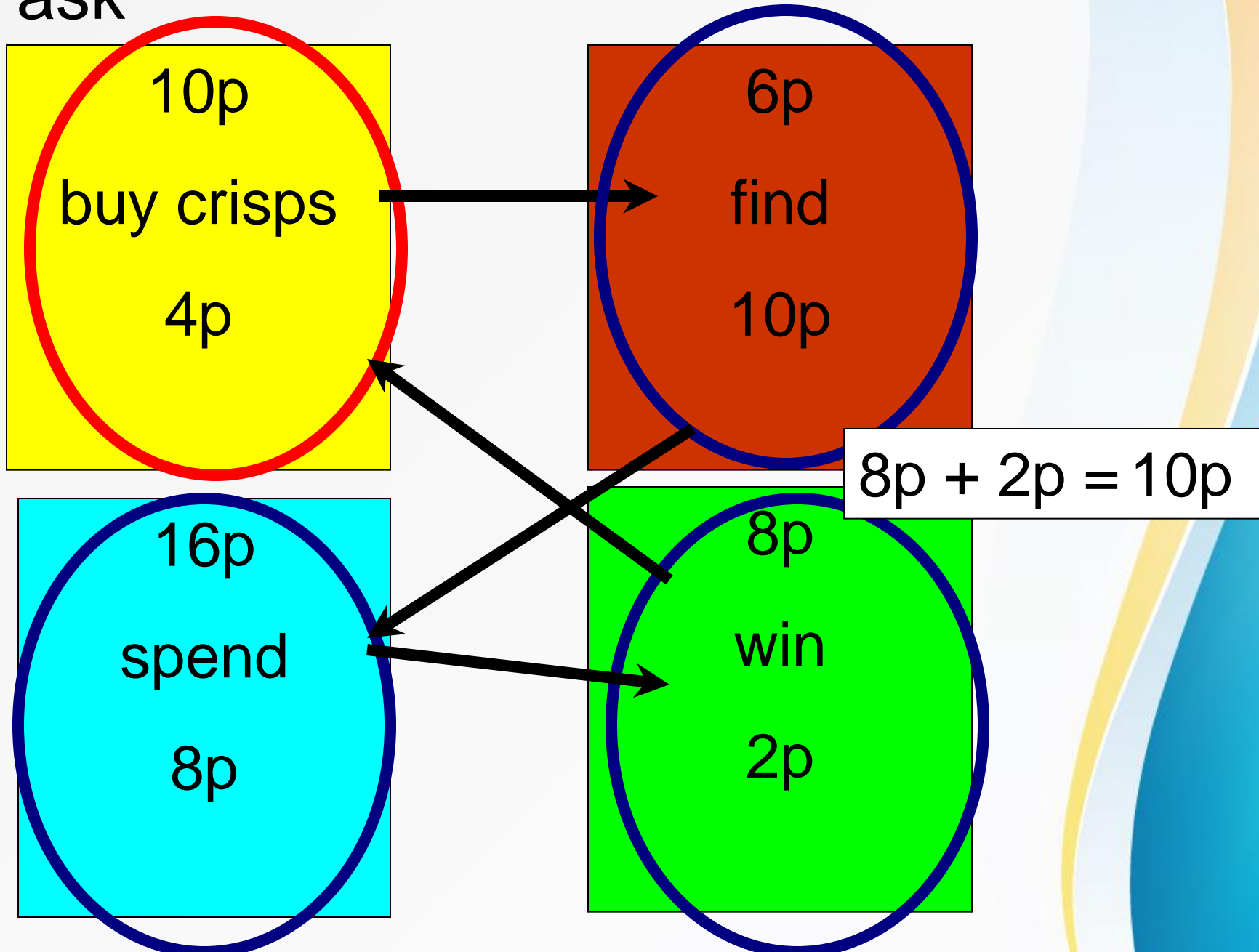


Task

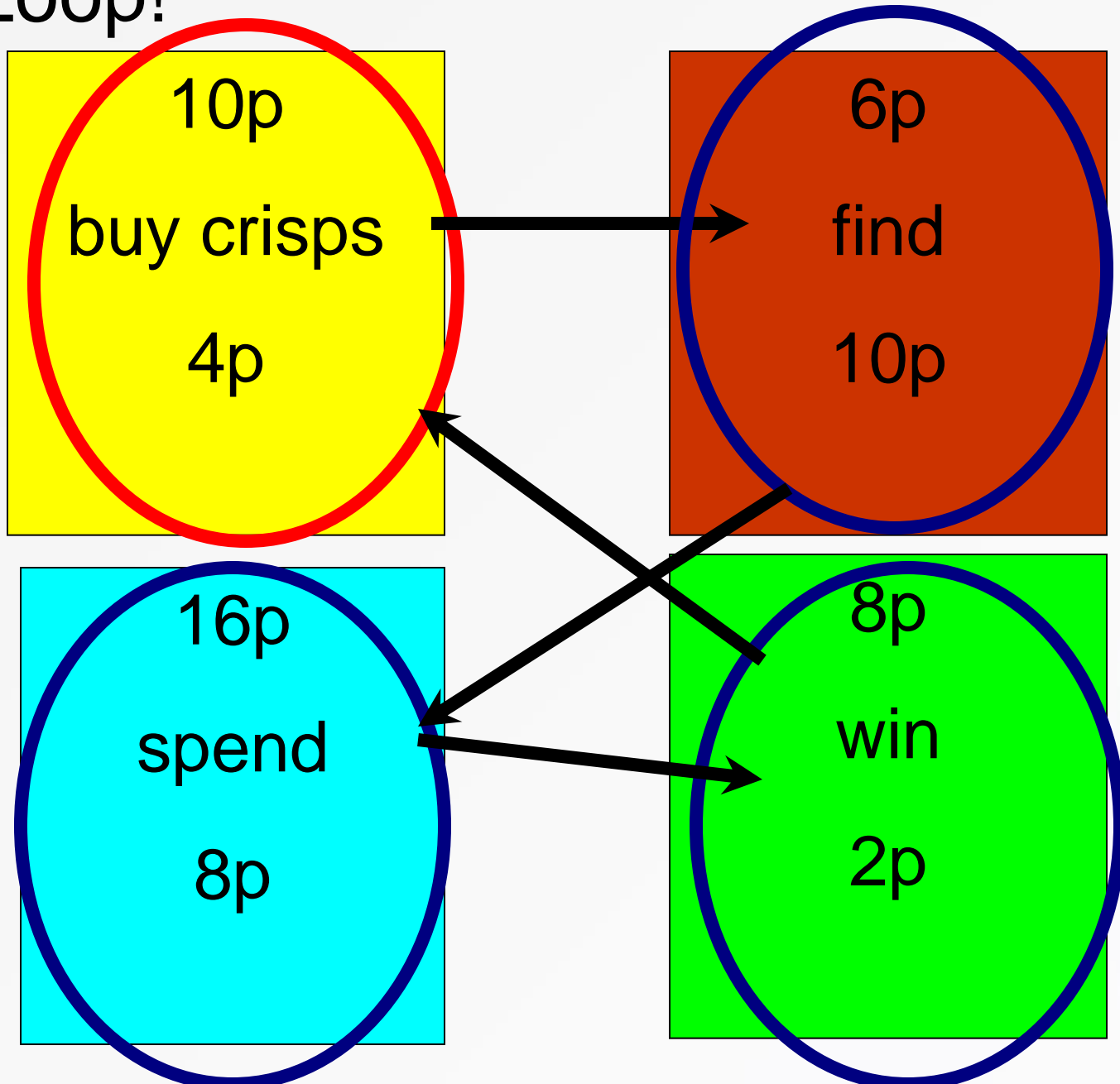


$$8p + 2p = 10p$$

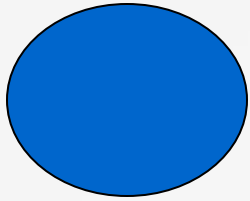
Task



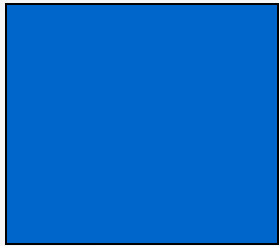
Loop!



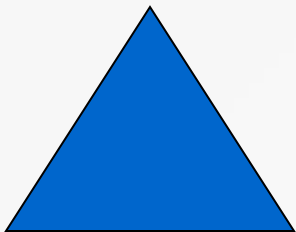
Group Work



Working in pairs, make circuit with 'Money cards'.



Make circuit with 'Money cards'.



Make circuit with 'Money cards'.
Make own circuit problem cards for someone else to solve.