Learn a new puzzle

True, False or Can't Tell

Read the rule and the fact. Check one box.

Rule 1: Some of the kites in the closet are dotted.
Rule 2: All the dotted kites are new.

Some means at least one. It could be all.

Some of the kites in the closet are new. ☐ True ☐ False ☐ Can't tell

1. True: the rule and the fact make it so.
2. False: the rule and the fact make it wrong.
3. Can't tell is a real answer: nothing says so either way.
4. Some means at least one. It could be all.

Ask: does the rule talk about this one?

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1 True, False or Can't Tell

Read the rules. Check one box.

Rule 1: All the blocks in the red box are smooth.
Rule 2: None of the smooth blocks are heavy.

Some means at least one. It could be all.

Some of the blocks in the red box are heavy.

☐ True ☐ False ☐ Can't tell

2 True, False or Can't Tell

Read the rules. Check one box.

Rule 1: All the fish in the tank are sleepy.
Rule 2: None of the sleepy fish are striped.

None of the fish in the tank are striped.

☐ True ☐ False ☐ Can't tell

3 True, False or Can't Tell

Read the rules. Check one box.

Rule 1: All the robots in Room 2 are blue.
Rule 2: None of the blue robots are loud.

Some means at least one. It could be all.

Some of the robots in Room 2 are loud.

☐ True ☐ False ☐ Can't tell

4 True, False or Can't Tell

Read the rules. Check one box.

Rule 1: All the marbles in the blue bag are tiny.
Rule 2: None of the tiny marbles are shiny.

None of the marbles in the blue bag are shiny.

☐ True ☐ False ☐ Can't tell

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5 True, False or Can't Tell

Read the rule and the fact. Check one box. ☆☆

Rule: If a marble is in the blue bag, it is tiny.
Fact: Marble 6 is not tiny.

Marble 6 is not in the blue bag. ☐ True ☐ False ☐ Can't tell

6 True, False or Can't Tell

Read the rule and the fact. Check one box. ☆☆

Rule: If a fish is in the tank, it is sleepy.
Fact: Bubbles is not sleepy.

Bubbles is not in the tank. ☐ True ☐ False ☐ Can't tell

7 True, False or Can't Tell

Read the rule and the fact. Check one box. ☆☆

Rule: If a cupcake is on the top tray, it is pink.
Fact: Cupcake 3 is not pink.

Cupcake 3 is on the top tray. ☐ True ☐ False ☐ Can't tell

8 True, False or Can't Tell

Read the rules and the fact. Check one box on each line. ☆☆☆

Rule 1: If a cupcake is on the top tray, it is pink.
Rule 2: If a cupcake is pink, it is sticky.
Fact: Cupcake 3 is on the top tray.

a. Cupcake 3 is sticky. ☐ True ☐ False ☐ Can't tell

b. Cupcake 3 is not pink. ☐ True ☐ False ☐ Can't tell

c. All the sticky cupcakes are on the top tray.
☐ True ☐ False ☐ Can't tell

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9 True, False or Can't Tell

Read the rules and the fact. Check one box on each line.

Rule 1: All the kites in the closet are new.
Rule 2: None of the new kites are dotted.
Fact: Kite 1 is in the closet.

a. Kite 1 is new.	☐ True	☐ False	☐ Can't tell
b. Kite 1 is dotted.	☐ True	☐ False	☐ Can't tell
c. All the new kites are in the closet.	☐ True	☐ False	☐ Can't tell

10 True, False or Can't Tell

Read the rules. Which fact would make it True? Check one box.

Rule 1: If a robot is in Room 2, it is blue.
Rule 2: If a robot is blue, it is loud.

Make this True: Zip is not in Room 2.

- ☐ a. Zip is blue.
- ☐ b. Zip is not loud.
- ☐ c. Some of the robots in Room 2 are loud.

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Answers

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

Learn · True, False or Can't Tell

True

#1

False

False: Follow one rule into the next.

#2

True

True: Follow one rule into the next.

#3

False

False: Follow one rule into the next.

#4

True

True: Follow one rule into the next.

#5

True

True: If it were in that place, the rule would make it so. It isn't, so it can't be there.

#6

True

True: If it were in that place, the rule would make it so. It isn't, so it can't be there.

#7

False

False: If it were in that place, the rule would make it so. It isn't, so it can't be there.

#8

a. True, b. False, c. Can't tel

True: Follow one rule into the next.
False: Follow one rule into the next.
Can't tell: Nothing says so either way.

#9

a. True, b. False, c. Can't tel

True: Follow one rule into the next.
False: Follow one rule into the next.
Can't tell: A rule can't run backwards.

#10

b. Zip is not loud.

b makes it True: if Zip were in Room 2, the rules would make it loud. But it is not loud, so it can't be in Room 2. Not a: being blue doesn't mean it is in Room 2; Rule 1 only runs one way. Not c: it is about some of the robots in Room 2, not about Zip.

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