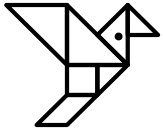




Learn a new puzzle

One Fib



Who did it? Who fibbed?

Someone hid the class hamster's ball.

One friend is playing a fibbing game: exactly one of them fibs.

Mateo: It wasn't Kenji, and it wasn't me.

Noah: It was Mateo or Kenji.

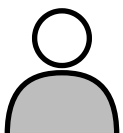
Finley: It wasn't Vera or Kenji.

Vera: Noah did it.

Kenji said nothing, but could have done it too.

Who did it? _____ Who fibbed? _____

- 1 Look for two friends who can't both be right.
- 2 Count: how many tell the truth? Try each case.
- 3 Use a true sentence to find who did it.



Ask: can these two both be right?

**1 One Fib** Who did it? Who fibbed?**Someone hid the class hamster's ball.**

One friend is playing a fibbing game: exactly one of them fibs.

Kendall: It was Isaac or Vera.**Isaac:** Vera didn't do it.**Vera:** It was Kendall or me.**Freya:** It wasn't Isaac or Vera.

Elena said nothing, but could have done it too.

Who did it? _____ Who fibbed? _____**2 One Fib** Who did it? Who fibbed?**Someone let the kite go.**

One friend is playing a fibbing game: exactly one of them fibs.

Caleb: Tariq did it.**Aria:** It was Tariq or me.**Malik:** It was Caleb or Aria.**Tariq:** I didn't do it.

Noor said nothing, but could have done it too.

Who did it? _____ Who fibbed? _____**3 Truth or Fib** Write T for a Truther or F for a Fibber.

On Fib Island, Truthers always tell the truth. Fibbers always fib.

T or F**Leo:** Ali and I are different kinds.☐**Ali:** Leo and I are the same kind.☐

**4 Truth or Fib** Write T for a Truther or F for a Fibber.

On Fib Island, Truthers always tell the truth. Fibbers always fib.

T or F

Jamie: < Casey and I are the same kind.

☐

Casey: < Jamie and I are the same kind.

☐**5 One Fib** Who did it? Who fibbed?

Someone left the paint open.

A fibbing game: exactly 2 of them tell the truth.

Yuna: < It wasn't Blake or Xavier.

Blake: < It was Yuna or Darius.

Malik: < It wasn't Blake or Xavier.

Darius: < It wasn't Malik, and it wasn't me.

Xavier said nothing, but could have done it too.

Who did it? _____ **Who fibbed?** _____

6 One Fib Who did it? Who fibbed?

Someone left the paint open.

A fibbing game: exactly 2 of them tell the truth.

Parker: < It was Oscar or Naomi.

Ivan: < Oscar did it.

Oscar: < It wasn't Ivan or Naomi.

Naomi: < It wasn't Liam, and it wasn't me.

Liam said nothing, but could have done it too.

Who did it? _____ **Who fibbed?** _____

**7 Truth or Fib** Write T for a Truther or F for a Fibber.

On Fib Island, Truthers always tell the truth. Fibbers always fib.

T or F**Darius:** Tariq and I are the same kind.☐**Tariq:** Jordan is a Fibber.☐**Jordan:** Darius and Tariq are different kinds.☐**8 One Fib** Who did it? Who fibbed?

Someone drew a mustache on the snowman.

A fibbing game: exactly two of them fib.

Yara: I did it.**Hiro:** It wasn't Camila or Emma.**Lucas:** It was Dakota or me.**Camila:** It was Lucas or Emma.**Dakota:** It was Lucas or me.

Emma said nothing, but could have done it too.

Who did it? _____ **Who fibbed?** _____

9 Truth or Fib Write T for a Truther or F for a Fibber.

On Fib Island, Truthers always tell the truth. Fibbers always fib.

T or F**Tessa:** Ximena and I are the same kind.☐**Ximena:** Yusuf and I are the same kind.☐**Yusuf:** All of us are Truthers.☐



10 **Truth or Fib** Write T for a Truther or F for a Fibber.



On Fib Island, Truthers always tell the truth. Fibbers always fib.

T or F

Jordan:

◀ Zara is a Truther.

☐

Zara:

◀ Jordan and I are different kinds.

☐

Dakota:

◀ At least one of us is a Fibber.

☐

Stella:

◀ Zara is a Fibber.

☐



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

Learn · One Fib

Noah did it. Fibbed: Noah.

#1

Kendall did it. Fibbed: Kendall.

Kendall and Freya can't both be right, so one of them fibs and the others tell the truth. Kendall did it; Kendall fibbed.

#2

Aria did it. Fibbed: Caleb.

Caleb and Malik can't both be right, so one of them fibs and the others tell the truth. Aria did it; Caleb fibbed.

#3

Leo T, Ali F

Leo says "we are different": that friend must be a Fibber. Answer: Leo T, Ali F.

#4

Jamie T, Casey T

Jamie says "we are the same": that friend must be a Truther. Answer: Jamie T, Casey T.

#5

Malik did it. Fibbed: Blake, Darii

Check each case: only one works. Malik did it; Blake, Darius fibbed.

#6

Parker did it. Fibbed: Parker, Iv

Check each case: only one works. Parker did it; Parker, Ivan fibbed.

#7

Darius T, Tariq T, Jordan F

Darius says "we are the same": that friend must be a Truther. Answer: Darius T, Tariq T, Jordan F.

#8

Dakota did it. Fibbed: Yara, Cam

Try each friend as the one who did it and count who fibs. Only Dakota works: then exactly two fib, Yara and Camila.

#9

Tessa T, Ximena T, Yusuf T

Tessa says "we are the same": that friend must be a Truther. Answer: Tessa T, Ximena T, Yusuf T.

#10

Jordan F, Zara F, Dakota T, S

Zara says "we are different": that friend must be a Fibber. The rest follow. Answer: Jordan F, Zara F, Dakota T, Stella T.