Free Printable Christmas Logic Puzzles

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Rawool Publications

Ribbon workshop

Four volunteers wrapped one parcel each. Each used a different ribbon and finished in a different time slot.

Use every item and every position exactly once.

1. Ava was exactly two positions before the blue ribbon.
2. Ben was in the first time slot.
3. The green ribbon was exactly two positions before Dara.
4. The green ribbon was not in the first time slot.
5. Ava was earlier than the red ribbon.

	red	gold	blue	green
Ava				
Ben				
Cleo				
Dara				

	1st	2nd	3rd	4th
Ava				
Ben				
Cleo				
Dara				

	1st	2nd	3rd	4th
red				
gold				
blue				
green				

Mark a check for a match and an X for an impossible match.

Carol rehearsal

Four singers chose different carols and rehearsed one at a time. Match each singer to a carol and rehearsal position.

Use every item and every position exactly once.

1. The Noel carol was exactly two positions before Ezra.
2. Ezra was earlier than the Bells carol.
3. The Noel carol was immediately next to Hope.
4. The Joy carol was not assigned to Ezra.
5. The Bells carol was not assigned to Faye.

	Noel	Bells	Peace	Joy
Ezra				
Faye				
Gus				
Hope				

	1st	2nd	3rd	4th
Ezra				
Faye				
Gus				
Hope				

	1st	2nd	3rd	4th
Noel				
Bells				
Peace				
Joy				

Mark a check for a match and an X for an impossible match.

Cookie delivery

Four bakers each delivered a different cookie box. Their deliveries arrived one at a time.

Use every item and every position exactly once.

1. Iris was exactly two positions before the ginger cookie box.
2. Leo was in the first arrival position.
3. The cocoa cookie box was exactly two positions before Kira.
4. Leo was immediately next to the cocoa cookie box.
5. Leo was not assigned to the oat cookie box.

	ginger	oat	cocoa	lemon
Iris				
Jack				
Kira				
Leo				

	1st	2nd	3rd	4th
Iris				
Jack				
Kira				
Leo				

	1st	2nd	3rd	4th
ginger				
oat				
cocoa				
lemon				

Mark a check for a match and an X for an impossible match.

Tree stall

Four shoppers bought different trees at the market. Each completed a purchase in a different time slot.

Use every item and every position exactly once.

1. Orla was exactly two positions before the spruce tree.
2. The fir tree was in the fourth purchase slot.
3. Noah was immediately next to the pine tree.
4. Maya was earlier than the fir tree.
5. The cedar tree was not in the second purchase slot.

	pine	fir	spruce	cedar
Maya				
Noah				
Orla				
Paul				

	1st	2nd	3rd	4th
Maya				
Noah				
Orla				
Paul				

	1st	2nd	3rd	4th
pine				
fir				
spruce				
cedar				

Mark a check for a match and an X for an impossible match.

Lantern parade

Four friends carried lanterns of different colors. They walked in four consecutive positions in the parade.

Use every item and every position exactly once.

1. Quinn was exactly two positions before the ruby lantern.
2. The ruby lantern was earlier than Tessa.
3. The violet lantern was in the second parade position.
4. The teal lantern was immediately next to Sam.
5. The teal lantern was earlier than Rosa.

	amber	ruby	teal	violet
Quinn				
Rosa				
Sam				
Tessa				

	1st	2nd	3rd	4th
Quinn				
Rosa				
Sam				
Tessa				

	1st	2nd	3rd	4th
amber				
ruby				
teal				
violet				

Mark a check for a match and an X for an impossible match.

Stocking sewing

Four crafters sewed different patterns on stockings. Each finished at a different stage of the afternoon.

Use every item and every position exactly once.

1. The stars pattern was exactly two positions before Uma.
2. Uma was earlier than the bells pattern.
3. Zane was in the first finish position.
4. The snow pattern was earlier than Vito.
5. The snow pattern was not assigned to Wren.

	stars	bells	trees	snow
Uma				
Vito				
Wren				
Zane				

	1st	2nd	3rd	4th
Uma				
Vito				
Wren				
Zane				

	1st	2nd	3rd	4th
stars				
bells				
trees				
snow				

Mark a check for a match and an X for an impossible match.

Holiday concert

Four performers played different instruments. Each appeared in a different concert slot.

Use every item and every position exactly once.

1. The flute instrument was exactly two positions before Dean.
2. Cora was in the third concert slot.
3. Cora was immediately next to the horn instrument.
4. The cello instrument was not in the first concert slot.
5. Bo was immediately next to the flute instrument.

	harp	flute	cello	horn
Alma				
Bo				
Cora				
Dean				

	1st	2nd	3rd	4th
Alma				
Bo				
Cora				
Dean				

	1st	2nd	3rd	4th
harp				
flute				
cello				
horn				

Mark a check for a match and an X for an impossible match.

Gift collection

Four helpers collected different donations. They arrived at the community hall one at a time.

Use every item and every position exactly once.

1. Finn was exactly two positions before the toys donation.
2. The games donation was earlier than Finn.
3. The games donation was exactly two positions before Gia.
4. Finn was earlier than the books donation.
5. Hugo was in the first arrival position.

	books	toys	scarves	games
Elin				
Finn				
Gia				
Hugo				

	1st	2nd	3rd	4th
Elin				
Finn				
Gia				
Hugo				

	1st	2nd	3rd	4th
books				
toys				
scarves				
games				

Mark a check for a match and an X for an impossible match.

Ribbon workshop - Answer

Four volunteers wrapped one parcel each. Each used a different ribbon and finished in a different time slot.

Use every item and every position exactly once.

Unique solution

1. Ben: gold ribbon
2. Ava: green ribbon
3. Cleo: red ribbon
4. Dara: blue ribbon

Clue checks

1. Ava was exactly two positions before the blue ribbon.
2. Ben was in the first time slot.
3. The green ribbon was exactly two positions before Dara.
4. The green ribbon was not in the first time slot.
5. Ava was earlier than the red ribbon.

Carol rehearsal - Answer

Four singers chose different carols and rehearsed one at a time. Match each singer to a carol and rehearsal position.

Use every item and every position exactly once.

Unique solution

1. Faye: Noel carol
2. Hope: Joy carol
3. Ezra: Peace carol
4. Gus: Bells carol

Clue checks

1. The Noel carol was exactly two positions before Ezra.
2. Ezra was earlier than the Bells carol.
3. The Noel carol was immediately next to Hope.
4. The Joy carol was not assigned to Ezra.
5. The Bells carol was not assigned to Faye.

Cookie delivery - Answer

Four bakers each delivered a different cookie box. Their deliveries arrived one at a time.

Use every item and every position exactly once.

Unique solution

1. Leo: lemon cookie box
2. Iris: cocoa cookie box
3. Jack: oat cookie box
4. Kira: ginger cookie box

Clue checks

1. Iris was exactly two positions before the ginger cookie box.
2. Leo was in the first arrival position.
3. The cocoa cookie box was exactly two positions before Kira.
4. Leo was immediately next to the cocoa cookie box.
5. Leo was not assigned to the oat cookie box.

Tree stall - Answer

Four shoppers bought different trees at the market. Each completed a purchase in a different time slot.

Use every item and every position exactly once.

Unique solution

1. Orla: cedar tree
2. Maya: pine tree
3. Noah: spruce tree
4. Paul: fir tree

Clue checks

1. Orla was exactly two positions before the spruce tree.
2. The fir tree was in the fourth purchase slot.
3. Noah was immediately next to the pine tree.
4. Maya was earlier than the fir tree.
5. The cedar tree was not in the second purchase slot.

Lantern parade - Answer

Four friends carried lanterns of different colors. They walked in four consecutive positions in the parade.

Use every item and every position exactly once.

Unique solution

1. Quinn: teal lantern
2. Sam: violet lantern
3. Rosa: ruby lantern
4. Tessa: amber lantern

Clue checks

1. Quinn was exactly two positions before the ruby lantern.
2. The ruby lantern was earlier than Tessa.
3. The violet lantern was in the second parade position.
4. The teal lantern was immediately next to Sam.
5. The teal lantern was earlier than Rosa.

Stocking sewing - Answer

Four crafters sewed different patterns on stockings. Each finished at a different stage of the afternoon.

Use every item and every position exactly once.

Unique solution

1. Zane: stars pattern
2. Wren: trees pattern
3. Uma: snow pattern
4. Vito: bells pattern

Clue checks

1. The stars pattern was exactly two positions before Uma.
2. Uma was earlier than the bells pattern.
3. Zane was in the first finish position.
4. The snow pattern was earlier than Vito.
5. The snow pattern was not assigned to Wren.

Holiday concert - Answer

Four performers played different instruments. Each appeared in a different concert slot.

Use every item and every position exactly once.

Unique solution

1. Bo: harp instrument
2. Alma: flute instrument
3. Cora: cello instrument
4. Dean: horn instrument

Clue checks

1. The flute instrument was exactly two positions before Dean.
2. Cora was in the third concert slot.
3. Cora was immediately next to the horn instrument.
4. The cello instrument was not in the first concert slot.
5. Bo was immediately next to the flute instrument.

Gift collection - Answer

Four helpers collected different donations. They arrived at the community hall one at a time.

Use every item and every position exactly once.

Unique solution

1. Hugo: games donation
2. Finn: scarves donation
3. Gia: books donation
4. Elin: toys donation

Clue checks

1. Finn was exactly two positions before the toys donation.
2. The games donation was earlier than Finn.
3. The games donation was exactly two positions before Gia.
4. Finn was earlier than the books donation.
5. Hugo was in the first arrival position.