




[Poll not starting? \(/faq#connection\)](#) [How to use?](#)

5. How to show (represent) "+24" in signed compleme

...







Questions • Links • Look

 Delete Poll

 Reset Results

 Save Poll

Questions ⓘ

| | | | |
|---|---|--------|---|
| 1 | | Votes: | Voters: |
| | "+24" is a valid number in? (very tricky) | 42 | 42 |
| | Base-3 | 8 |  <input type="checkbox"/> |
| | Base-5 | 5 |  <input type="checkbox"/> |
| | Base-10 | 9 |  <input type="checkbox"/> |
| | Not valid in any radix number system! | 20 |  <input checked="" type="checkbox"/> |
| SETTINGS | | | |
| <input checked="" type="checkbox"/> Hide answers while polling ⓘ | | | |
| <input checked="" type="checkbox"/> Mark the correct answer ⓘ | | | |
| <input checked="" type="checkbox"/> Show results in % ⓘ | | | |
|  Remove question | | | |

multiple choice

2

Votes: Voters:

How can we represent "-24"?

153

34

34

Base-3: not possible

5 ☒ ☐

Base-5: Signed Magnitude: (124)_5

12 ☒ ☒

Base-5: Signed Magnitude: (224)_5

3 ☒ ☒

Base-10: Signed Magnitude: (224)_10

14 ☒ ☒

SETTINGS

☒ Hide answers while polling ?

☒ Mark the correct answer ?

☒ Show results in % ?

☒ [Remove question](#)

QUESTION TYPE

☒ single choice

multiple choice

3

Votes: Voters:

"-24" - "+32" = ? in signed magnitude:

37

37

Base-5: $(-X)-(+Y) = (-X)+(-Y) = -(X+Y) = 1(24+32) = (111)_5$




+20


12 ☒ ☐

Overflow

5 ☒ ☒

SETTINGS

- ✓ Hide answers while polling 
- ✓ Mark the correct answer 
- ✓ Show results in % 

 [Remove question](#)

QUESTION TYPE

- single choice
- multiple choice

4

Votes: Voters:

Is there any sign position in signed complement?

38 38




Yes


8  

No

30  

SETTINGS

- ✓ Hide answers while polling 
- ✓ Mark the correct answer 
- ✓ Show results in % 

 [Remove question](#)

QUESTION TYPE

- single choice
- multiple choice

5

Votes: Voters:

How to show (represent) "+24" in signed complement?

34 MENU 34

Base-5: (24)_5 because it is already positive

+5

8 ☒ ☐

Base-5: (024)_5 because we need sign position with 0

+12

7 ☒ ☐

Base-5: 5's comp(24) = (44-24+1) = (21)_5

+1

7 ☒ ☐

Base-5: (024)_10 because we need to expand the range

+12

7 ☒ ☒

Base-10: (24)_10

5 ☒ ☒

SETTINGS

☒ Hide answers while polling 

☒ Mark the correct answer 

☒ Show results in % 

☒ [Remove question](#)

QUESTION TYPE

☒ single choice

☐ multiple choice

6

Votes: Voters:

How to show (represent) "-24" in signed complement?

0

0

Base-3: not possible

0 ☒ ☐

Base-5: (-24)_5

0 ☒ ☐

Base-5: 5's comp(24) = (44-24+1) = (21)_5

+1




0 ☒ ☐


Base-10: 10's comp(24) = (99-24+1) = (76)_10

+4

0 ☒ ☒

SETTINGS

- ✓ Hide answers while polling 
- ✓ Mark the correct answer 
- ✓ Show results in % 

 [Remove question](#)

QUESTION TYPE

- single choice
- multiple choice

7

Votes: Voters:

Pad "-24" to 5 positions:

0 0

Base-5: (00421)_5

0  

Base-5: (44421)_5

0  




Base-10: (00076)_10


0  

Base-10: (99976)_10

0  

SETTINGS

- ✓ Hide answers while polling 
- ✓ Mark the correct answer 
- ✓ Show results in % 

 [Remove question](#)

QUESTION TYPE

- single choice
- multiple choice

Votes: Voters:

0 0

0 ✕

SETTINGS

Hide answers while polling ?

Mark the correct answer ?

Show results in % ?

✕ [Remove question](#)

QUESTION TYPE

- single choice
- multiple choice

POLL OPTIONS

Select "Restrict this poll" if you want to allow voting only for voters that have a valid authorization token. Once you have saved your poll, you will be able to download a list of authorization tokens. Distribute these tokens to the authorized voters (one token for each voter) before you start the poll.

Restrict this Poll

[Questions](#) • [Links](#) • [Look](#)

Links ⓘ

Vote

☒ Show short URL

Your audience needs this link to cast votes.



You can also use this QR code (<http://etc.ch/6PAC/?qr>) to communicate the vote link. ⓘ

[_ \(http://etc.ch/6PAC/?qr\)](http://etc.ch/6PAC/?qr)

Results

This link will always show the real-time results of the current question. Show it on a big canvas. ⓘ

Cockpit

This is your administration link. Make sure not to lose it. ⓘ

hfani@uwindsor.ca

 Send

Questions • Links • Look

 Save Poll

Look ⓘ

☐ Display vote URL on result page

| | |
|--|--|
| | |
| | |



(<https://twitter.com/directpoll>) (<https://www.facebook.com/directpoll>) (<https://plus.google.com/1089159875044479>)

Open result pages: **0**

Connected voters: **3**

Open cockpits: **1**

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