

Manual Switches

Buttons/Lens for Switches and Indicators

AML51 Series

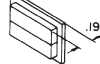
AML51 PUSHBUTTON ORDER GUIDE (All possible color combinations may not be available.)  
For Incandescent or non-lighted display switches and pushbutton style indicators.

AML51-C

For AML11, 21, 31 switches and AML41 indicators:  
Pushbutton Style

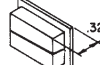
AML51-C

AML51-F

AML51-G

AML51-A

AML51-H

AML51-N\*

AML51-B\*

AML51-E\*

AML51-M\*

AML51-R\*

For AML41D indicators only:  
AML51-D

10

Display  
Legend/Type

Transmitted Color  
10 No legend  
20 With legend  
on cap.

Transmitted Color  
(Clear cap and  
color insert)  
11 No legend  
21 With legend  
on insert

Dead Front  
(Smoky gray cap  
and color insert)  
30 No legend  
40 With legend  
on insert

\*\*\*\*Projected Color  
(White cap and  
color insert)  
50 No legend  
60 With legend  
on cap

R

Full Color or  
1st Color Split

R  
Red  
Y  
Yellow  
G  
Green  
B  
Blue  
W\*\*\*\*  
White  
K\*\*\*  
Black  
L\*\*\*  
Gray  
A\*\*  
Amber

=

2nd  
Color Split

R  
Red  
Y  
Yellow  
G  
Green  
B  
Blue  
W\*\*\*\*  
White  
K\*\*\*  
Black  
L\*\*\*  
Gray  
A\*\*  
Amber

Example: **AML51-C10R**  
Square full color button; with transmitted color,  
no legend; red.

\*\*Available with transmitted color and dead front only.  
\*\*\*Black and gray not recommended for lighted display.  
†AML51-N buttons not available with Display/Legend Types  
10 and 20.  
Note: Dimensions include the .060 in bezel.

AML51 LENS ORDER GUIDE (All possible color combinations may not be available.)  
For incandescent display AML41J, K, and L lens style indicators only.

AML51-J

Lens style

AML51-J

AML51-K

AML51-L

10

Display/Legend  
Type

Transmitted Color  
10 No legend  
20 With legend

Transmitted Color  
(Clear cap and  
color insert)  
11 No legend  
21 With legend

Dead Front  
(Smoky gray cap  
and color insert)  
30 No legend  
40 With legend

\*\*\*\*Projected Color  
(White cap and  
color insert)  
50 No legend  
60 With legend

R

Full Color  
or 1st  
Color Split

2nd  
Color Split

3rd  
Color Split

R  
Red  
  
Y  
Yellow  
  
G  
Green  
  
B  
Blue  
  
W\*\*\*\*  
White  
  
A\*\*  
Amber

R  
Red  
  
Y  
Yellow  
  
G  
Green  
  
B  
Blue  
  
W\*\*\*\*  
White  
  
A\*\*  
Amber

R  
Red  
  
Y  
Yellow  
  
G  
Green  
  
B  
Blue  
  
W\*\*\*\*  
White  
  
A\*\*  
Amber

Example: **AML51-J10R**  
Rectangular lens type button; full color;  
transmitted color, no legend; red.

HOW TO ORDER BUTTON LEGENDS

When specifying legended buttons, submit a legend order sheet to cover each listing. To insure proper legend orientation, AML housings (when viewed from the panel front) should have the "MICRO SWITCH" identification facing UP on square devices and UP or to the LEFT on rectangular.

Button legend order sheets are shown on the following pages. Reproduce them on your office copier.

Legend Sheet

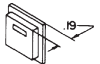
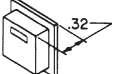
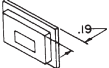
AML51 Pushbuttons  
AML51 Lens buttons  
AML52 Pushbuttons  
AML53 Paddle switch covers  
AML55 Paddle switch covers  
AML54 Rockers  
AML56 Rockers

Form No.  
FO-63394  
FO-63395  
FO-63504  
FO-63567  
FO-63565  
FO-63566  
FO-63564

\*\*Not available with projected color.  
\*\*\*\*Insert is clear for projected color when "W" is used.

Buttons for Switches and Indicators

**AML52 BUTTON ORDER GUIDE** (All possible color combinations may not be available.)  
For AML12, AML22 (w/o light pipe), AML32, AML42 LED display.

| AML52-N                                                                                                                                                                                                                                                                                                                                                                                                                | 10                                                                                                                    | R                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>Button Type</div> <div>For LED Devices<br/>AML52-C</div> <div></div> <div>AML52-A*</div> <div></div> <div>For AML32 Neon Devices<br/>AML52-N</div> <div></div> | <div>Display/Legend Type</div> <div>Transmitted Color</div> <div>10<br/>No Legend</div> <div>20<br/>With Legend</div> | <div>Button Color</div> <div>R<br/>Red</div> <div>Y<br/>Yellow</div> <div>G<br/>Green</div> <div>B<br/>Blue</div> <div>W<br/>White</div> <div>K<br/>Black</div> <div>A<br/>Amber</div> <div>L<br/>Gray</div> |

Examples:  
**AML52-N10R**  
Rectangular full screen; for use on neon power switch with transmitted color, no legend; red button.  
  
**AML52-C10K**  
Square full screen; for use with LED device; transmitted color, no legend; black button.

Honeywell

AML 52/57 Pushbutton Legend Sheet/Product Specification
for L.E.D. & Neon Button

Page \_\_\_ of \_\_\_

Account No \_\_\_\_\_

Catalog Listing
AML52 -
Customer P.O. No.
MICRO SWITCH Sales Order
Customer Dwg. No.
Line Number
Schedule No.

Customer:
Address:

(city) (state)

Instructions

- 1. Fill in appropriate catalog listing - one listing/sheet.
2. Check proper figure #. Type size, type color.
3. Fill in quantity required.
4. Indicate legends desired — Do not exceed maximums shown in legend order guide.

Note

- 1. For Proper Legend Orientation, AML housings (when viewed from front of panel) should have "MICRO SWITCH" logo oriented "UP" on square devices and "UP" or to the "LEFT" on rectangular devices.
2. Please use black ink in filling out this form to help us process your order.

LEGEND ORDER GUIDE table with columns: Button: Type, Orientation, Figure NO, Max Lines (5/64, 7/64, 9/64, 13/64, 5/16), Max Characters (5/64, 7/64, 9/64, 13/64, 5/16)

Standard Legend Placement

- 1. Transmitted Color — Legend on outer shell (Button)
2. Figures 3 and 4 not applicable for AML57 listings

LEGEND ORDER CHART

LEGEND ORDER CHART table with columns: Customer Part NO, Fig NO, Type Size (5/64, 7/64, 9/64, 13/64, 5/16), Ink Color (Black, White), Button Qty, Legend Description (Left-to-Right or Top-to-Bottom), Sequence (1st Line, 2nd Line, 3rd Line)

FO-65604-D

Sheet Prepared By: \_\_\_\_\_ (Signature) \_\_\_\_\_ (Date)

A3 Modified Gothic
Modified Gothic lettering (A thru Z), numerals (0 thru 9) and Symbols below available in 5/64, 7/64, 9/64, 13/64 and 5/16.

SPECIAL LEGENDS
NOTE: Use this area to show special Legend Locations or Configurations NOT shown above. NON-STANDARD legends will involve additional charges and increased delivery time.

Honeywell

AML Pushbutton Legend Sheet/Product Specification

Account NO 126 - 284

Page \_\_\_\_ of \_\_\_\_

LEGEND ORDER GUIDE

| Button: Type<br>Orientation                                                                | Figure<br>NO | Max Lines/Area |      |      |       |      | Max Characters/Line |      |      |       |      |
|--------------------------------------------------------------------------------------------|--------------|----------------|------|------|-------|------|---------------------|------|------|-------|------|
|                                                                                            |              | 5/64           | 7/64 | 9/64 | 13/64 | 5/16 | 5/64                | 7/64 | 9/64 | 13/64 | 5/16 |
| 1  AREA | 1            | 4              | 3    | 3    | 2     | 1    | 7                   | 5    | 5    | 3     | 1    |
| 2  AREA | 2            | 4              | 3    | 3    | 2     | 1    | 7                   | 5    | 5    | 3     | 1    |
| 3  AREA | 3            | 1              | 1    | 1    | 1     | 0    | 7                   | 5    | 5    | 3     | 1    |
| 4  AREA | 4            | 4              | 3    | 3    | 2     | 1    | 11                  | 9    | 8    | 5     | 3    |
| 5  AREA | 5            | 6              | 4    | 4    | 4     | 3    | 7                   | 5    | 5    | 3     | 1    |
| 6  AREA | 6            | 4              | 3    | 3    | 2     | 1    | 11                  | 9    | 8    | 5     | 3    |
| 7  AREA | 7            | 6              | 4    | 4    | 4     | 3    | 7                   | 5    | 5    | 3     | 1    |
| 8  AREA | 8            | 1              | 1    | 1    | 1     | 0    | 11                  | 9    | 8    | 5     | 3    |
| 9  AREA | 9            | 5              | 4    | 4    | 3     | 2    | 8                   | 6    | 6    | 3     | 1    |

Definitions of Markings

- Thru holes to snap into indicator housings
- Internal reliefs to snap over switch plunger tabs

Standard Legend Placement -

- Use special legends sec. for other placements
- Transmitted Color - Legend on outer shell (Button)
  - Dead Front - Legend on Insert
  - Projected Color - Legend on outer shell (Button)
  - Transmitted color with clear cap legend on insert

LEGEND ORDER CHART

| Customer Part No | Fig No | Type Size |      | Ink Color |       | But-ton Qty |
|------------------|--------|-----------|------|-----------|-------|-------------|
|                  |        | 5/64      | 7/64 | 9/64      | 13/64 |             |
|                  |        |           |      |           |       | 1           |
|                  |        |           |      |           |       | 2           |
|                  |        |           |      |           |       | 1           |
|                  |        |           |      |           |       | 2           |
|                  |        |           |      |           |       | 1           |
|                  |        |           |      |           |       | 2           |
|                  |        |           |      |           |       | 1           |
|                  |        |           |      |           |       | 2           |
|                  |        |           |      |           |       | 1           |
|                  |        |           |      |           |       | 2           |

FO-83394-K

|                                   |                   |
|-----------------------------------|-------------------|
| Catalog Listing<br><b>AML51</b> - |                   |
| Customer P.O. No.                 | Customer Dwg. No. |
| MICRO SWITCH Sales Order          | Line Number       |
| Schedule No.                      |                   |

Customer:

Address:

(city)

(state)

Instructions

- Fill in appropriate catalog listing - one listing/sheet.
  - Check proper figure #, Type size, Type color.
  - Fill in quantity required.
  - Indicate legends desired - Do not exceed maximums shown in legend order guide.
- Note**
- For Proper Legend Orientation, AML housings (when viewed from front of panel) should have "MICRO SWITCH" logo oriented "UP" on square devices and "UP" or to the "LEFT" on rectangular devices.
  - Please use black ink in filling out this form to help us process your order.
  - \* INSERT ONLY ON STYLE A & H BUTTON

SPECIAL LEGENDS

NOTE: Use this area to show special Legend Locations or Configurations NOT shown to the left. NON-STANDARD legends will involve additional charges and increased delivery time.

A3

Modified Gothic

Modified Gothic lettering (A thru Z), numerals (0 thru 9) and Symbols below available in 5/64, 7/64, 9/64, 13/64 and 5/16.

STANDARD SYMBOLS AVAILABLE

|    |   |   |   |   |   |   |   |   |   |   |   |   |
|----|---|---|---|---|---|---|---|---|---|---|---|---|
| .  | , | : | ; | ! | ? | ' | " | / | ( | ) | * | & |
| \$ | ¢ | # | % | o | + | - | ± | ÷ | x | = | ≠ | > |
| →  | ↗ | ↘ | ↙ | ↕ | ↖ | ↗ | ↘ | ↙ | ↕ | ↖ | ↗ | ↘ |

Fig. "A"

Fig. "B"

Sheet prepared by:

(Signature)

(Date)

Manuals



AML Lens Legend Sheet/Product Specification

Account No \_\_\_\_\_ Page \_\_\_\_\_ of \_\_\_\_\_

LEGEND ORDER GUIDE

| Button: Type<br>Orientation | Figure<br>No | Max Lines |      |      |       |      | Max Characters |      |      |       |      |
|-----------------------------|--------------|-----------|------|------|-------|------|----------------|------|------|-------|------|
|                             |              | 5/64      | 7/64 | 9/64 | 13/64 | 5/16 | 5/64           | 7/64 | 9/64 | 13/64 | 5/16 |
| AREA 1                      | J            | 4         | 4    | 3    | 3     | 2    | 1              | 14   | 11   | 10    | 7    |
|                             | K            | 4         | 4    | 3    | 3     | 2    | 1              | 13   | 10   | 9     | 6    |
| AREA 2                      | J            | 4         | 4    | 3    | 3     | 2    | 1              | 6    | 6    | 5     | 3    |
|                             | K            | 4         | 4    | 3    | 3     | 2    | 1              | 5    | 5    | 4     | 3    |
| AREA 3                      | J            | 4         | 4    | 3    | 3     | 2    | 1              | 4    | 3    | 3     | 2    |
|                             | K            | 4         | 4    | 3    | 3     | 2    | 1              | 3    | 3    | 2     | 1    |
| AREA 4                      | J            | 4         | 4    | 3    | 3     | 3    | 2              | 9    | 7    | 7     | 4    |
|                             | K            | 4         | 4    | 3    | 3     | 3    | 2              | 8    | 7    | 6     | 3    |
| AREA 5                      | J            | 3         | 3    | 2    | 2     | 1    | 1              | 8    | 7    | 6     | 4    |
|                             | K            | 3         | 3    | 2    | 2     | 1    | 1              | 7    | 6    | 5     | 3    |
| AREA 6                      | J            | 2         | 2    | 1    | 1     | 1    | 0              | 8    | 7    | 6     | 4    |
|                             | K            | 2         | 2    | 1    | 1     | 1    | 0              | 7    | 6    | 5     | 3    |

Standard Legend Placement

- 1. Transmitted Color — Legend on outer shell (Button)
- 2. Dead Front - Legend on Insert
- 3. Projected Color - Legend on outer shell (Button)

LEGEND ORDER CHART

| Customer<br>Part No | Fig<br>No | Type Size |      | Ink Color |       | But<br>ton<br>Qty | Legend Description |       |                                          |          |
|---------------------|-----------|-----------|------|-----------|-------|-------------------|--------------------|-------|------------------------------------------|----------|
|                     |           | 5/64      | 7/64 | 9/64      | 13/64 | 5/16              | Black              | White | Sequence: Left-to-Right or Top-to-Bottom |          |
|                     |           |           |      |           |       |                   |                    |       | 1st Line                                 | 2nd Line |
|                     |           |           |      |           |       |                   |                    |       | 3rd Line                                 | 4th Line |
|                     |           |           |      |           |       |                   |                    |       |                                          |          |
|                     |           |           |      |           |       |                   |                    |       |                                          |          |
|                     |           |           |      |           |       |                   |                    |       |                                          |          |
|                     |           |           |      |           |       |                   |                    |       |                                          |          |
|                     |           |           |      |           |       |                   |                    |       |                                          |          |
|                     |           |           |      |           |       |                   |                    |       |                                          |          |
|                     |           |           |      |           |       |                   |                    |       |                                          |          |
|                     |           |           |      |           |       |                   |                    |       |                                          |          |
|                     |           |           |      |           |       |                   |                    |       |                                          |          |
|                     |           |           |      |           |       |                   |                    |       |                                          |          |

Sheet Prepared By: \_\_\_\_\_

(Signature)

(Date)

Catalog Listing  
**AML51** —  
Customer P.O. No. \_\_\_\_\_ Customer Dwg. No. \_\_\_\_\_  
MICRO SWITCH Sales Order \_\_\_\_\_ Line Number \_\_\_\_\_ Schedule No. \_\_\_\_\_

Customer: \_\_\_\_\_  
Address: \_\_\_\_\_ (city) \_\_\_\_\_ (state) \_\_\_\_\_

Instructions

- 1. Fill in appropriate catalog listing - one listing/sheet.
- 2. Check proper figure #, type size, type color.
- 3. Fill in quantity required.
- 4. Indicate legends desired — Do not exceed maximums shown in legend order guide.

Note

- 1. For Proper Legend Orientation, AML housings (when viewed from front of panel) should have "MICRO SWITCH" logo oriented "UP" on square devices and "UP" or to the "LEFT" on rectangular devices.
- 2. Please use black ink in filling out this form to help us process your order.

Modified Gothic lettering (A thru Z), numerals (0 thru 9) and Symbols below available in 5/64, 7/64, 9/64, 13/64 and 5/16.

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |     |     |     |     |      |     |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |    |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|----|
| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/4 | 3/4 | 1/2 | 3/8 | 5/8 | 3/16 | 1/8 | 1/4 | 1/2 | 3/4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | + | - | x | = | ≠ | > | < | ∞ | @ | 1/3 | 2/3 | 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|----|