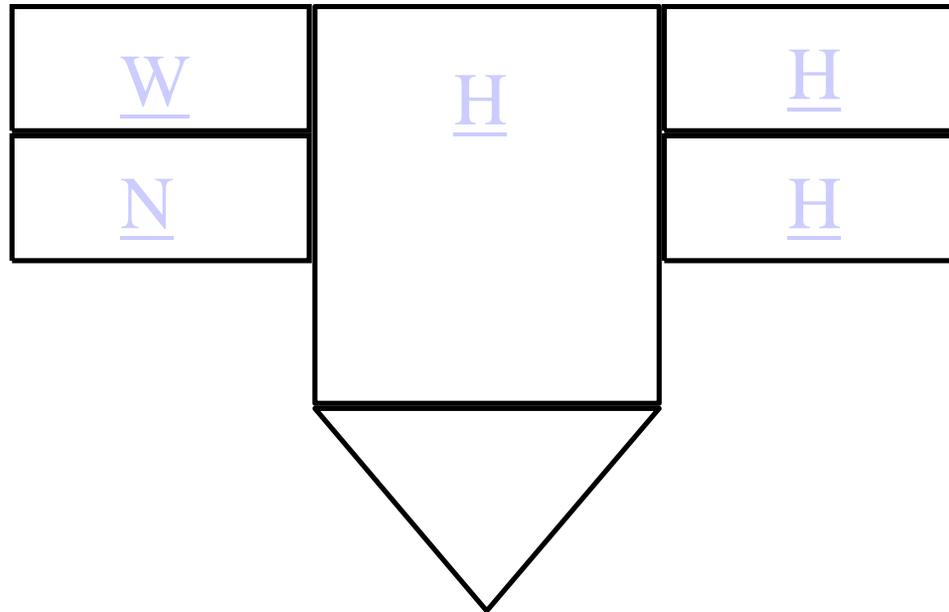


# WORKBOOK ANSWER PAGE 3

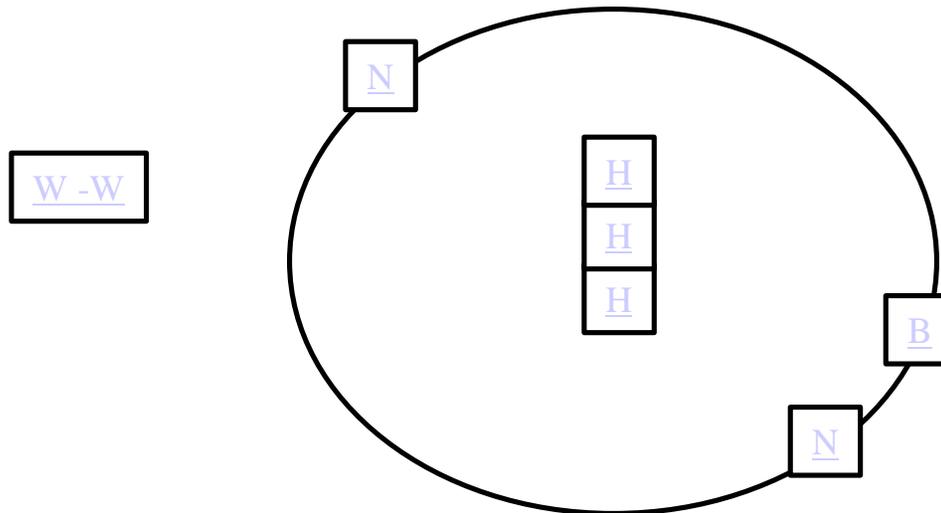
Identify the fields for a point.



What is the reference page for the above information? [page 3-4](#)

# WORKBOOK ANSWER PAGE 4

List the reference page and identify the fields for an Area. Reference page 3-4.

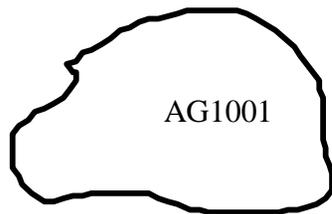


Identify the required alphanumeric characters for field Whiskey, (DTG).

D D H H M M S S Z M O N Y Y

# WORKBOOK ANSWER PAGE 5

Identify the following “Maneuver and Fire” and “Fire Support” symbology and reference page for each symbol.



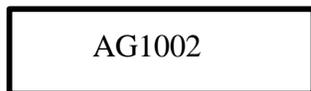
AREA TARGET

page 3-22



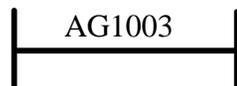
BOMB AREA

page 3-22



RECTANGULAR TARGET

page 3-24



LINEAR TARGET

page 3-23



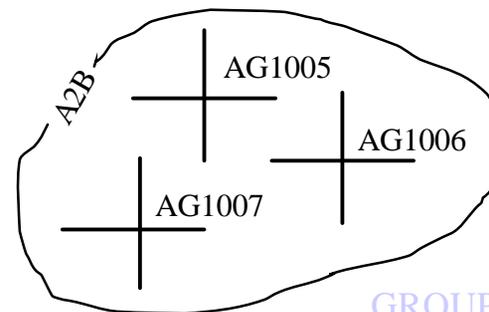
TARGET

page 3-24



FSCL

page 3-21



GROUP OF TARGETS

page 3-24

# WORKBOOK ANSWER PAGE 7

Label each boundary in accordance with the provided information. For this exercise, place the first unit to the north and the second unit to the south, consider the top of the page as north.

Rear Boundary between 1st BDE (M) and 3d IN Div (M)



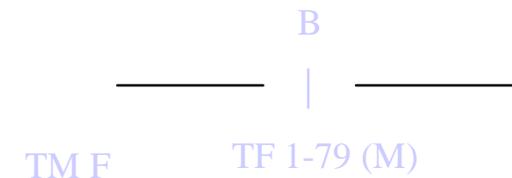
Lateral Boundary between X Corps (US) and 1st Armored Div (UK)



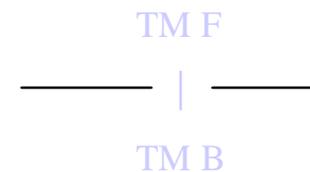
Lateral Boundary between 52d IN Div (M) and 54th IN Div



Rear Boundary between B Company and TF 1-79 IN (M)



Lateral Boundary between Company Team F and Company Team B

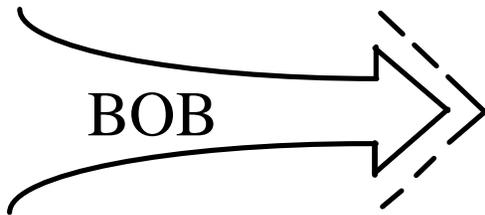


Rear Boundary between 3d BDE Mech and TF 1-4 Armor



# WORKBOOK ANSWER PAGE 8

Identify the following symbols and the reference page for each.



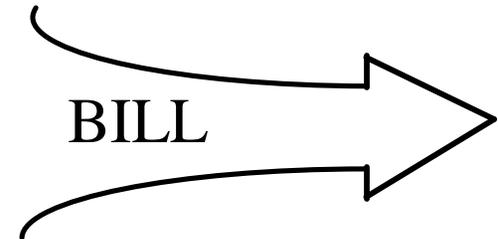
AXIS OF ADVANCE (FEINT)

page 3-7



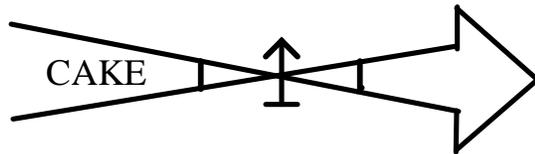
AXIS OF MAIN ATTACK

page 3-15



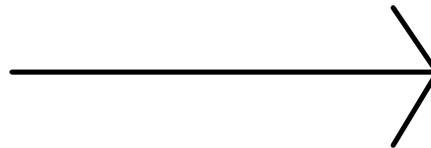
AXIS OF SUPPORTING ATK

page 3-15



AXIS OF ADVANCE  
FRIENDLY ATK HELO

page 3-15



FRIENDLY DIRECTION  
OF SUPPORTING ATK

page 3-16



FOLLOW AND  
SUPPORT

page C-9

# WORKBOOK ANSWER PAGE 9

Identify the following symbols and the reference page for each.



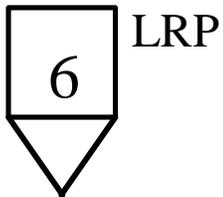
POINT OF INTEREST

page 3-20



RELEASE POINT

page 3-26



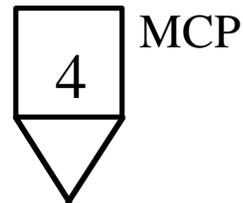
LOG REL POINT

page 3-38



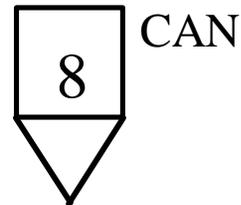
COORDINATING POINT

page 3-25



MAINT COL POINT

page 3-38



CANNIBALIZATION POINT

page 3-37



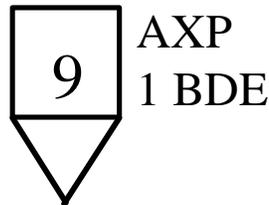
DECISION POINT

page 3-25



SPLY POINT CLASS IV

page 3-39



AMB EXCHANGE POINT

page 3-37



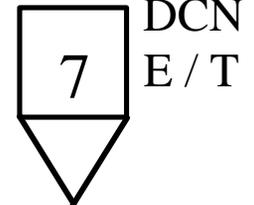
CONTACT POINT

page 3-25



SPLY POINT CLASS V

page 3-39

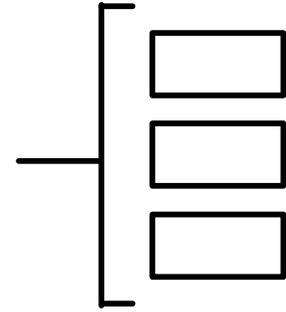
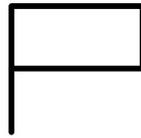
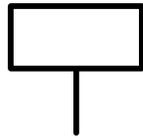


DECON SITE/POINT

page 3-36

# WORKBOOK ANSWER PAGE 16

What do the following symbols represent and what is the reference page in FM 101-5-1? [PAGE 4-7](#)



Answers: [BASIC SYMBOL](#)  
[NON-HQS UNIT](#)

[HEADQUARTERS](#)  
[UNIT](#)

[COLLOCATED](#)  
[HQS UNITS](#)

[COLLOCATED](#)  
[NON-HQS UNITS](#)

We use X's to represent the size of Brigade thru [REGION](#) Units.

Annotate below which unit size is depicted:

**SYMBOL**

**X**  
**XX**  
**XXX**  
**XXXX**  
**XXXXX**  
**XXXXXX**

**UNIT SIZE**

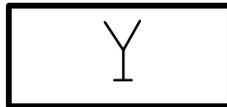
[BRIGADE](#)  
\_\_\_\_\_  
[DIVISION](#)  
\_\_\_\_\_  
[CORPS](#)  
\_\_\_\_\_  
[ARMY](#)  
\_\_\_\_\_  
[ARMY GROUP/FRONT](#)  
\_\_\_\_\_  
[REGION](#)  
\_\_\_\_\_

# WORKBOOK ANSWER PAGE 18

Start on page 4-8 (FM 101-5-1) and identify these modifiers to field Alpha.



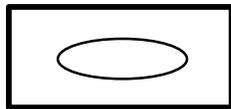
AIR ASSAULT



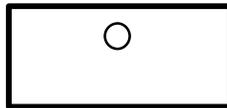
AIR ASSAULT W/ORGANIC LIFT



AIRBORNE



MECH OR ARMOR  
(TRACKED)



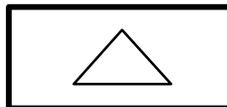
BICYCLE-EQUIPPED



RECONNAISSANCE



RADAR



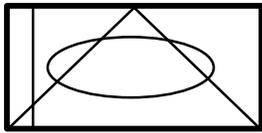
OBSERVATION OR  
LISTENING POST



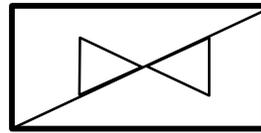
GUN SYSTEM EQUIPPED  
(VULCAN, IFV, ZSU, etc)

# WORKBOOK ANSWER PAGE 19

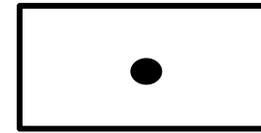
Name these units:



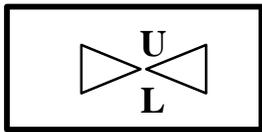
ANTIARMOR/FIGHTING  
VEHICLE



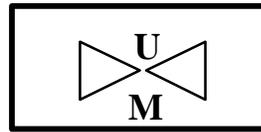
AIR CAVALRY



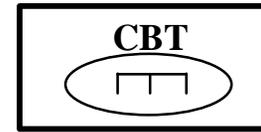
FIELD ARTILLERY  
(BASIC) (TOWED)



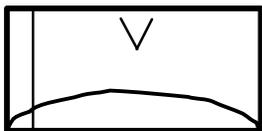
LIFT HELICOPTER  
BASIC OR LIGHT  
(UH-1 OR UH-60)



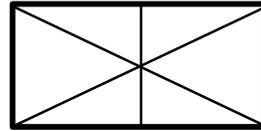
LIFT HELICOPTER  
MEDIUM  
(UH-46 OR UH-47)



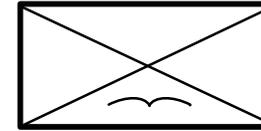
COMBAT ENGINEER  
MECHANIZED



AIR DEFENSE ARTILLERY  
VULCAN EQUIPPED  
TOWED



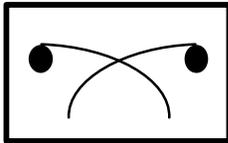
MOTORIZED INFANTRY



AIRBORNE INFANTRY

# WORKBOOK ANSWER PAGE 20

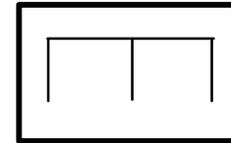
Name these Combat Support Units.



CHEMICAL BASIC SYMBOL



MI BASIC SYMBOL



ENGINEER BASIC SYMBOL



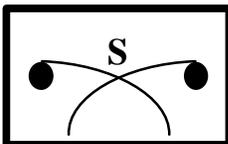
ELECTRONIC WARFARE BASIC SYMBOL



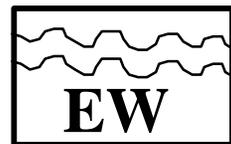
MILITARY POLICE



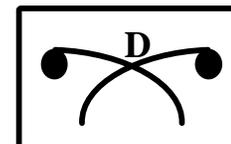
MULTIPLE SUBSCRIBER ELEMENT



SMOKE UNIT



ELECTRONIC WARFARE JAMMING ELEMENT



DECONTAMINATION UNIT (PROPOSED LOCATION)

# WORKBOOK ANSWER PAGE 21

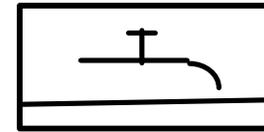
Name these Combat Service Support Units.



SUPPLY



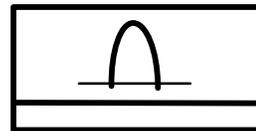
SALVAGE



WATER DISTRIBUTION



MORTUARY AFFAIRS



CLASS V SUPPLY



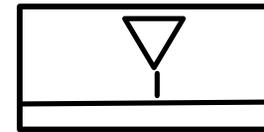
DIVISION SUPPORT  
COMMAND



FORWARD SUPPORT  
BATTALION



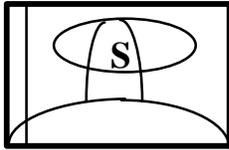
DENTAL UNIT



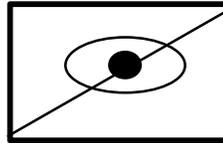
CLASS III SUPPLY

# WORKBOOK ANSWER PAGE 22

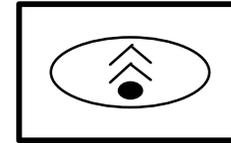
Identify these symbols.



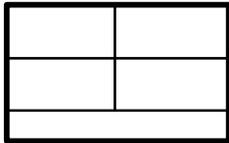
ADA (BRADLEY STINGER)  
FIGHTING VEHICLE



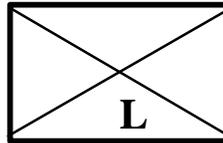
FA COLT TRACKED



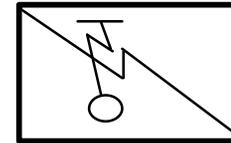
FIELD ARTILLERY  
MLRS OR ATACMS



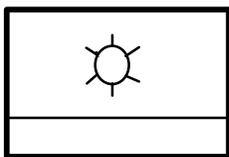
CLASS VIII SUPPLY



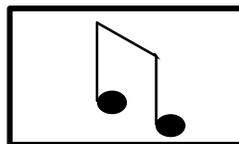
LIGHT INFANTRY



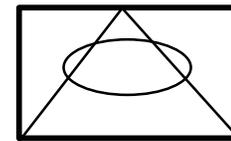
RADIO RELAY STATION



CLASS IX SUPPLY



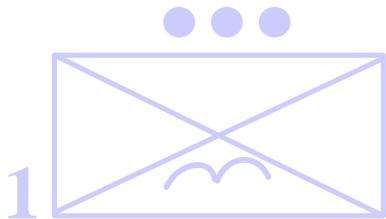
BAND



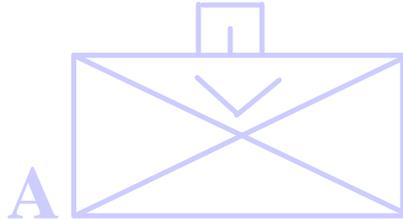
ANTIARMOR (MECHANIZED)

# WORKBOOK ANSWER PAGE 23

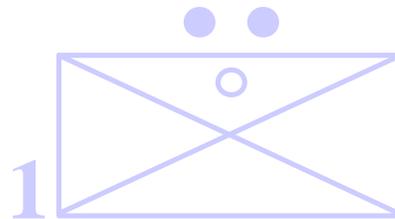
Draw the correct field Alpha, Bravo, Delta, and Tango entries for the symbols below:



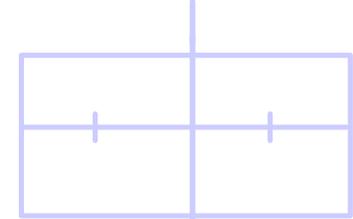
1st Plt Airborne IN



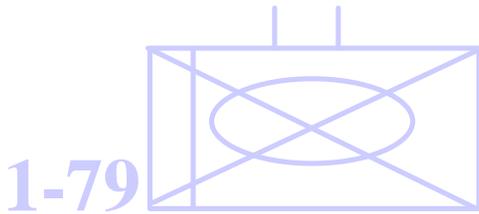
Company Team A, Air Assault IN



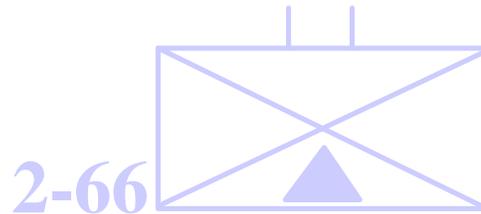
1st Section Bicycle Equipped IN



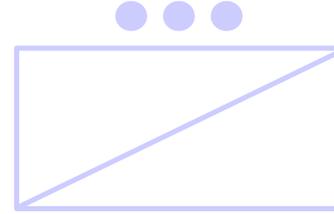
Company-sized  
Medical Treatment Facility



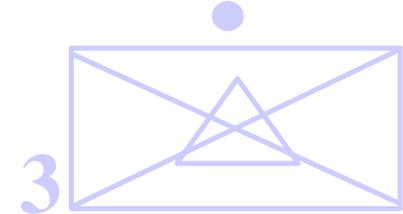
1-79 IN (M)(B)



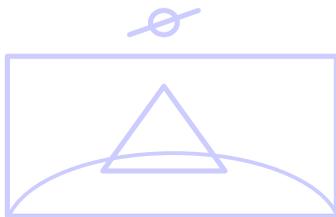
2-66 IN Mountain



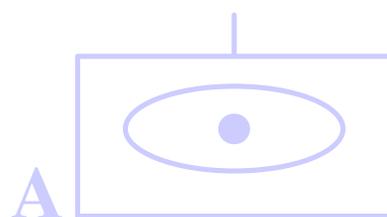
Recon Platoon



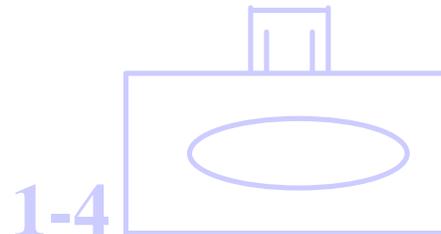
3rd Squad IN Observation Post



ADA Team Listening Post



A Battery SP Artillery



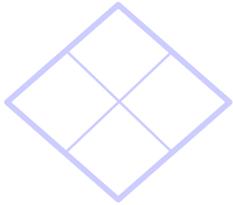
TF 1-4 Armor



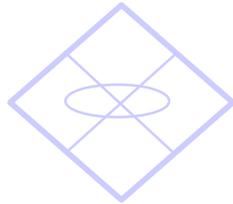
GSR Team

# WORKBOOK ANSWER PAGE 24

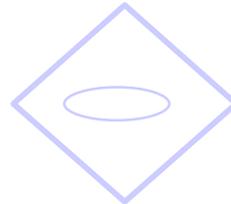
Identify the following symbols from Chapter 4 and Appendix B.



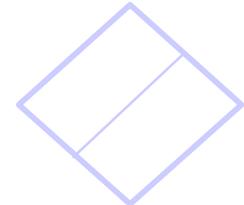
ENEMY INFANTRY



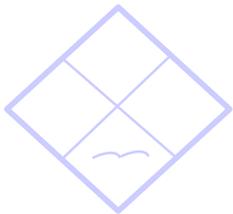
ENEMY MECH IN



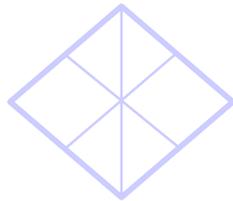
ENEMY ARMOR



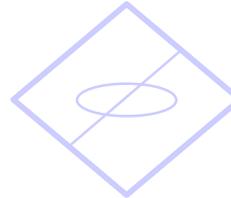
ENEMY CAV / RECON



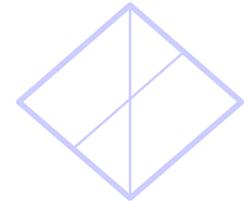
ENEMY AIRBORNE IN



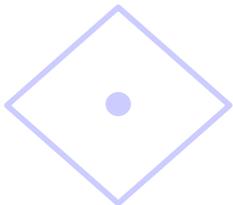
ENEMY MOTORIZED IN



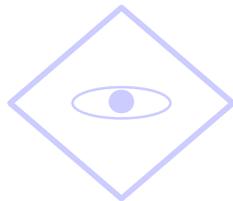
ENEMY ARMORED  
CAV / SCOUT



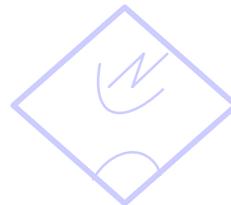
MOTORIZED SCOUT



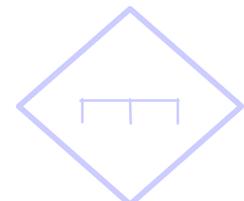
ENEMY ARTILLERY



ENEMY SP ARTILLERY



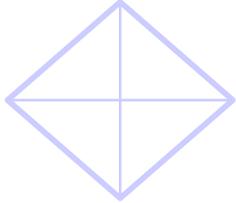
ENEMY ADA RADAR



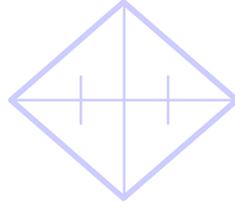
ENEMY ENGINEERS

# WORKBOOK ANSWER PAGE 25

Identify the following symbols from Appendixes B and D :



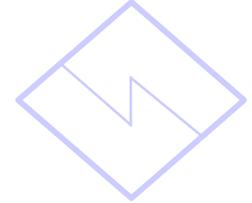
ENEMY MEDICAL



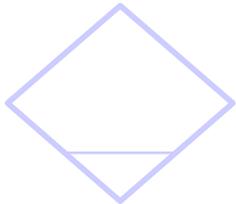
ENEMY MEDICAL  
TREATMENT FACILITY



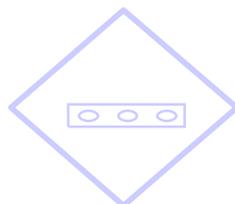
ENEMY SUPPLY  
ELEMENT  
(ALL CLASSES)



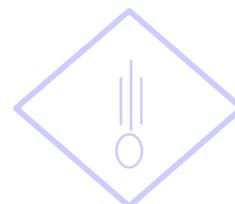
ENEMY SIGNAL  
ELEMENT



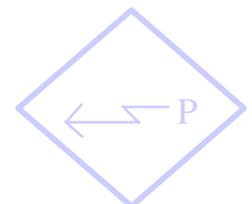
ENEMY SUPPLY CACHE



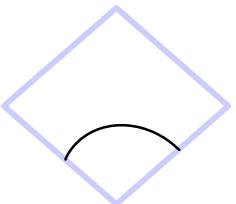
ENEMY MINE LAYING  
(IN PROGRESS)



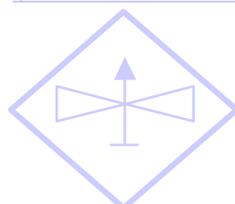
ENEMY ARTILLERY  
FIRE



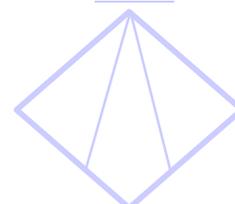
ENEMY PATROLLING



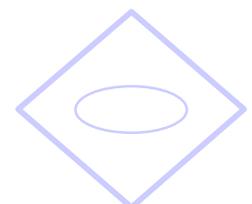
ENEMY ADA



ENEMY ATTACK HELO  
(ON GROUND)



ENEMY ANTITANK



ENEMY ARMOR

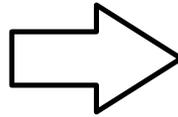
# WORKBOOK ANSWER PAGE 10

Identify the following CSS symbology and reference page using Chapter 3:



ASP

AMMUNITION SUPPLY PT  
PAGE 3-37



MOVING CONVOY  
PAGE 3-37



ATP

AMMUNITION TRANF PT  
PAGE 3-37



MSR BOB

MAIN SUPPLY ROUTE  
PAGE 3-40



MSR ROGER

MAIN SPLY RTE (ONE-WAY TRAFFIC)  
PAGE 3-40



CCP

CASUALTY COLL PT  
PAGE 3-37



SUPPLY POINT (CLASS VIII)  
PAGE 3-40



START POINT FIVE  
PAGE 3-26



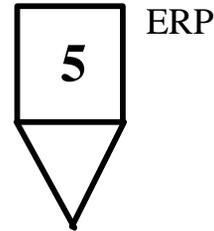
SUPPLY POINT (GENERAL)  
PAGE 3-39

# WORKBOOK ANSWER PAGE 11

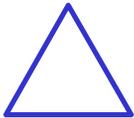
Identify the following Mobility and Survivability Symbology and the reference page as identified in Chapter 3 :



ANTITANK OBSTACLE  
FIXED and PREFABRICATED  
PAGE 3-27



ENGINEER REGULATING PT  
PAGE 3-28



ANTITANK OBSTACLE  
MOVABLE and PREFABRICATED  
PAGE 3-27



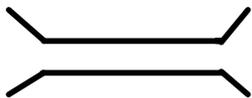
ANTITANK MINEFIELD  
PAGES 3-29 and 3-30



BOOBY TRAP  
PAGE 3-27



TRIPLE STRAND CONCERTINA  
PAGE 3-32



BRIDGE or GAP  
PAGE 3-28



WIRE OBSTACLE (UNSPECIFIED)  
PAGE 3-32

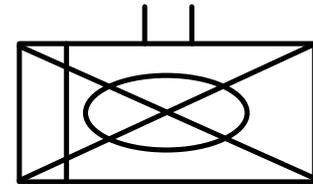
# WORKBOOK ANSWER PAGE 12

Use the following colors to complete your overlays.

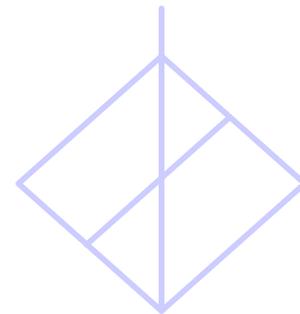
Green: All obstacles, friendly, enemy, neutral, or factional.



Black: All friendly units and graphic control measures.



Red: Enemy symbols and enemy graphic control measures.



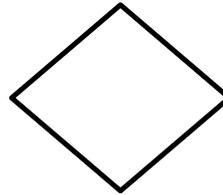
What page refers to the use of these colors? page 3-1

# WORKBOOK ANSWER PAGE 13

These are the three basic symbols used in graphics.



FRIENDLY GROUND UNITS  
(RECTANGLE)



ENEMY UNITS (DIAMOND)



NEUTRAL (SQUARE)

What is the reference page [4-2](#)?

**NOTE:**

FM 101-5-1 SHOWS SYMBOLOGY FOR SHIPS AND AIRCRAFT; HOWEVER, WE WILL NOT ADDRESS THESE SYMBOLS DURING THIS COURSE.

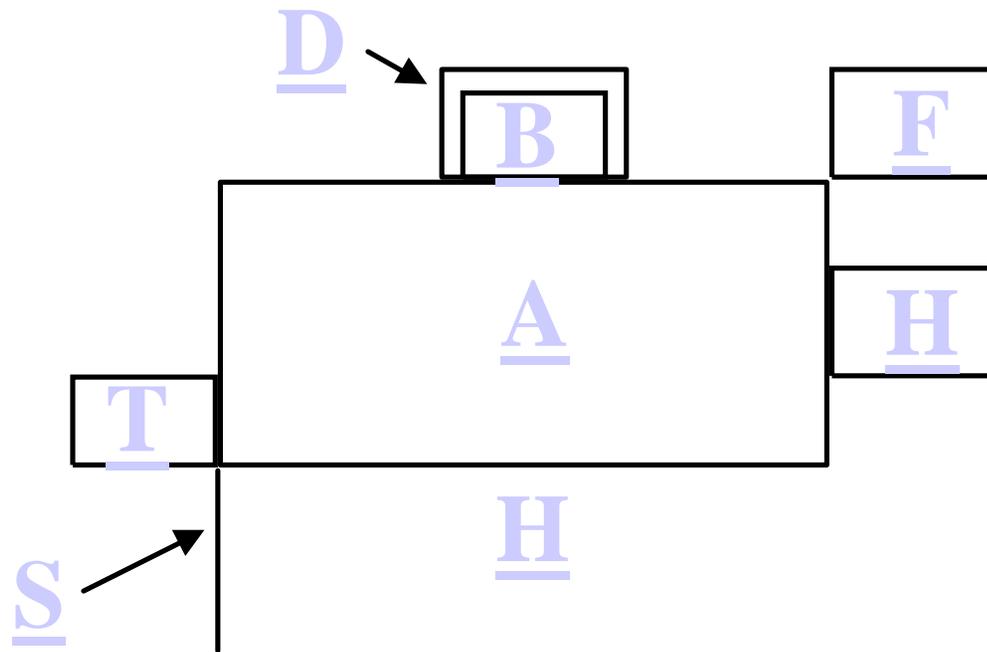
# WORKBOOK ANSWER PAGE 14

The required **Mandatory** fields for any specific symbol are those fields needed to correctly represent any given symbol.

For most unit symbols it will be necessary to fill in fields Alpha, Bravo, Tango, and possibly Delta, Foxtrot, Hotel and Sierra.

Notice that with field Alpha there may be several modifiers required to correctly replicate a unit; e.g., airborne, gun system equipped, or bicycle equipped.

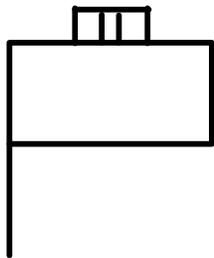
Identify each of the fields indicated for this symbol.



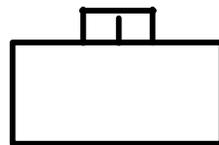
# WORKBOOK ANSWER PAGE 15

Field DELTA, placed over the size indicator field denotes a temporary grouping of units. We use this special size indicator to depict a TASK FORCE or COMPANY TEAM. If you are drawing a Headquarters element, what field must you use? SIERRA You can find this field on the friendly and enemy types of symbols.

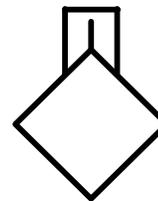
What do these symbols represent?



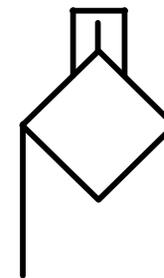
TASK FORCE HEADQUARTERS



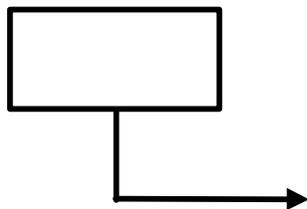
COMPANY TEAM



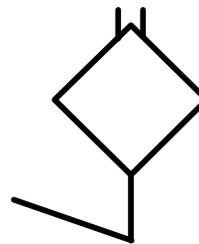
ENEMY COMPANY TEAM



ENEMY COMPANY



UNIT SYMBOL USING FIELD QUEBEC FOR DIRECTION OF MOVEMENT INDICATES MOVING OR WILL MOVE



ENEMY BATTALION



A FUTURE OR PROJECTED LOCATION INDICATING ON-ORDER OR PROPOSED

TEAM HEADQUARTERS

# WORKBOOK ANSWER PAGE 17

We use the following symbols to show the size of units below Company level. These sizes are:



Represents a [TEAM / CREW](#)



Represents a [SQUAD](#)



Represents a [SECTION](#)



Represents a [PLATOON/DET](#)

We use vertical lines to represent the size of units from Company to Regimental/Group level. These sizes are:



Represents a [COMPANY / BATTERY / TROOP](#)



Represents a [BATTALION / SQUADRON](#)



Represents a [REGIMENT / GROUP](#)

What is the reference page in FM 101-5-1? [PAGE 4-5](#)